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THE
GEORGE
WASHINGTON
UNIVERSITY

REPORT OF THE COMPTROLLER

For the year ended August 31, 1935



WASHINGTON, D. C.

533169

REPORT OF THE COMPTROLLER

Real Estate was increased \$406,564.03 as follows:

Purchase of 2005 G Street, N. W.....	\$10,500.00
Purchase of 2007 G Street, N. W.....	11,500.00
Purchase of 2142 H Street, N. W.....	1,500.00
Purchase of 606-608-610-612 Twenty-first Street, N. W.....	25,000.00
Revaluation of Medical School and Hospital Lands and Buildings.....	318,945.29
Estimated Value of New Building under Con- struction as at August 31, 1935.....	61,618.74
	<hr/>
	\$429,064.03
Less Book Value of Thirteenth and L Streets Property Sold.....	22,500.00
	<hr/>
	<u>\$406,564.03</u>

The Fund for the Reduction of the Liability of General Funds to Endowment Funds Principal is now \$15,350.51. This asset of General Funds thus reduces the amount necessary to cancel this liability to \$308,079.72.

Trust Notes Payable in the amount of \$409,470.00 secured by mortgages were outstanding against the General Funds as at August 31, 1935. This is an increase of \$11,620.00 during the year.

Temporary Loans due the Riggs National Bank were reduced \$1300.00 during the year. As at August 31, 1935 one note of \$1200.00 due November 22, 1935 was outstanding.

Notes Payable against the Lewis Medical School Fund amount to \$45,000.00. The estate bequeathed by Dr. Samuel E. Lewis is valued at \$148,304.15, made up of real estate of \$145,000.00 and other assets of \$3,304.15. To clear the estate and enable the executor to transfer the property to The University, the Board of Trustees authorized the placing of a \$45,000.00 mortgage on the property, leaving the net valuation of the Lewis Medical School Fund at \$103,304.15.

As at August 31, 1935, one request for payment for work done on the new building in the amount of \$26,027.10 was unpaid. This request was paid September 9, 1935. The 10% hold-back for construction on the new building amounted to \$5,507.90 at the close of the fiscal year.

Laboratory Equipment and Furniture are valued after depreciation at \$214,752.34, a decrease of \$13,104.19. This decrease is due to the excess of depreciation taken over additions to equipment during the year.

Books in the Libraries are valued at \$92,059.39, an increase of \$1,100.98.

Contributions other than those reported under Trust Fund increases were as follows:

Columbian Women for Alumni Secretary.....	\$100.00
Board of Trustees for Faculty Club.....	250.00
Sundry Persons for Flagpole.....	561.00
Sundry Persons for Willard Library.....	312.00
Rockefeller Foundation for Medical Research....	2,198.00
Lilly Foundation for Medical Research.....	1,200.00
Dr. Howard F. Kane and Dr. J. Kotz for Medical Research.....	1,380.53
	<hr/>
	<u>\$6,001.53</u>

GENERAL ACCOUNTS

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Accounts Receivable due from students amount to \$5,019.98 or .00496 percent of student charges for the year. This amount will be reduced by collections made in subsequent years.

Cash Receipts and Payments for the year are summarized as follows:

Cash Balance August 31, 1934.....	\$ 17,763.48
Receipts.....	1,246,748.21
Payments.....	\$1,264,511.69
Cash Balance, August 31, 1935.....	1,242,776.18
	\$ 21,735.51

A detailed statement of cash receipts and payments is shown in Exhibit "C" of this report.

CHARLES W. HOLMES,
Comptroller.

COMPARATIVE SUMMARY OF ASSETS AND LIABILITIES, 1933-34 AND 1934-35

Assets

	1933-34	1934-35	Increase	Decrease	Net Increase
Cash, General Funds.....	\$22,853.48	\$ 28,325.51	\$ 5,472.03		
Cash, Endowment Income Endowment and Trust Funds Assets.....	26,169.97	12,710.18		\$13,459.79	
Endowment Income Assets Real Estate, Exclusive of Endowment Funds.....	2,179,585.21	2,347,197.70	167,612.49		
Library Books.....	3,990.00	19,406.39	15,416.39		
Equipment.....	2,064,259.38	2,470,823.41	406,564.03		
Perpetual Insurance De- posits.....	90,958.41	92,059.39	1,100.98		
Deferred Expense.....	227,856.53	214,752.34		13,104.19	
Accounts Receivable.....	1,406.25	1,406.25			
Notes Receivable.....		4,646.00	4,646.00		
Deposits on Real Estate.....	8,164.93	7,664.93		500.00	
Fund for Reduction of Li- ability to Endowment Funds Principal.....	36,400.00	76,400.00	40,000.00		
	1,000.00			1,000.00	
		15,350.51	15,350.51		
	\$4,662,644.16	\$5,200,742.61	\$556,162.43	\$28,063.98	\$528,098.45

Liabilities

Notes Payable, Real Es- tate.....	\$ 397,850.00	\$ 409,470.00	\$ 11,620.00		
Temporary Loans Payable	25,000.00	12,000.00		\$13,000.00	
Prepaid Tuition.....	4,740.35	6,092.00	1,351.65		
Liability to Endowment Funds.....	319,910.24	323,430.23	3,519.99		
Deferred Income.....	1,394.81	903.32		491.49	
Due on Contract—Con- struction in Progress.....		26,027.10	26,027.10		
Contract Reserve—Con- struction in Progress.....		5,507.90	5,507.90		
	\$ 748,895.40	\$ 783,430.55	\$ 48,026.64	\$13,491.49	\$14,535.15
Total Net Resources.....	\$3,913,748.76	\$4,507,312.06			
Increase in Net Resources 1934-35.....	593,561.30				\$593,561.30
	\$4,507,312.06	\$4,507,312.06			

October 7, 1935.

AUDIT CERTIFICATE

We have examined the accounts and records of THE GEORGE WASHINGTON UNIVERSITY relating to the Trust Funds, General Funds and Third and Fourth Divisions for the year ended August 31, 1935, and herewith submit the following comments in connection with the annexed report of the Comptroller.

Cash was verified by actual count and by certificates from the depositories. The amount of \$28,325.51 shown as General Fund Cash on the balance sheet per exhibit "A", is comprised of the following:

Cash on Deposit.....		\$21,735.51
Petty Cash Funds:		
Cash.....	\$3,688.35	.....
Advances, Unreimbursed Vouchers, etc.	2,901.65	6,590.00
Total Cash.....		<u>\$28,325.51</u>

Investments in stocks, bonds and trust notes receivable were verified by inspection or confirmed by correspondence with the holders thereof. Securities are stated at values as shown by the accounts of The University. Additions to plant assets were tested and found to be proper charges thereto. During the year the book value of the Medical School and Hospital Real Estate at 1335-41 H Street, N. W., was increased by \$318,945.29 to an appraised value of \$974,520.00. Trust and Other Notes Payable were confirmed directly with the holders thereof. All other balance sheet accounts are stated in accordance with the accounts of the University.

We hereby certify that, in our opinion, the annexed balance sheet of the Trust Funds, the balance sheet of the General Funds and Third Division, and the balance sheet of the Fourth Division, as compiled by the Comptroller from the accounts of the University, subject to the foregoing comments, reflect the true financial condition of such Funds and Divisions of The George Washington University as at August 31, 1935, and that the relative income and expense accounts show the operating results for the year ended on that date.

Respectfully submitted,

R. G. RANKIN & Co.

Certified Public Accountants.

GENERAL ACCOUNTS

GENERAL ACCOUNTS

GENERAL ACCOUNTS

EXHIBIT "A"
THE GEORGE WASHINGTON UNIVERSITY
BALANCE SHEET—AUGUST 31, 1935

General Accounts

Assets		Liabilities	
Cash:		Prepaid Tuition.....	\$ 6,092.00
For General Purposes.....	\$ 11,025.37	Loans Payable—Riggs National Bank.....	12,000.00
For Special Purposes.....	10,710.14	Deferred Income.....	903.32
Petty Cash Fund.....	6,590.00	Due on Contract—Construction in Progress.....	26,027.10
	\$	Contract Reserve—Construction in Progress.....	5,507.90
Notes Receivable—Schedule No. 1.....	28,325.51	Trust Notes Payable, Schedule No. 5.....	409,470.00
Accounts Receivable—Schedule No. 2.....	76,400.00	Liability to Endowment Funds Principal:	
Deferred Expense—Cost of Remodeling Faculty Club.....	7,664.93	Secured by Deed of Trust dated December 1, 1910, on	
Fund for Reduction of Liability to Endowment Funds	4,646.00	Medical and Hospital Funds and Buildings, 1355, 1359	
Principal, (See Executory Trust Funds.).....	15,350.51	and 1341 H Street, N. W.....	323,430.23
Withdrawal Value of Perpetual Insurance.....	1,406.25	Surplus—Exhibit "D".....	2,127,997.79
Plant Assets:			<u>\$2,911,428.34</u>
Land Educational and Miscellaneous			
Buildings, Schedule No. 3.....	\$2,470,823.41		
Equipment, Schedule No. 4.....	214,752.34		
Library Books, Schedule No. 4.....	92,059.39		
	<u>2,777,635.14</u>		
	<u>\$2,911,428.34</u>		

Trust Accounts

Investments:		Funds:	
General Endowment Funds, Schedule		General Endowment Funds, Schedule No. 31.....	\$2,249,428.89
No. 29.....	\$2,136,758.55		
Deduct Trust Notes Payable—Lewis		Executory Trust Funds, Schedule No. 32.....	97,768.81
Properties.....	45,000.00		
	<u>\$2,091,758.55</u>		
Cash on Deposit Awaiting Investment.....	157,670.34		
	<u>\$2,249,428.89</u>		
Executory Trust Funds, Schedule No. 30	\$		
Cash on Deposit Awaiting Investment	50,567.92		
	<u>47,300.89</u>		
Unexpended Income Specific Endowment			
Funds:			
\$10,000 United States of America 3½%			
Treasury Bonds of 1943-45.....	\$ 19,406.39	Unexpended Income, Specific Endowment Funds, Sched-	
Cash on Deposit.....	12,710.18	ule No. 33.....	32,116.57
	<u>32,116.57</u>		
	<u>\$2,379,314.27</u>		

In addition to the above liabilities for construction in progress as at the date of this report the remaining liability of The University for building construction contracts was approximately \$55,000.00.

REPORT OF THE COMPTROLLER

EXHIBIT "B"

THE GEORGE WASHINGTON UNIVERSITY
REVENUE ACCOUNT

For the Year Ended August 31, 1935

INCOME

From Schools:

The Junior College	} Schedule No. 18.....	\$189,346.05	
Columbian College			
The School of Government			
The Division of University and Extension Students			
The Graduate Council.....			" " 19..... 2,675.98
The Law School.....	" " 21.....	60,359.75	
The School of Engineering...	" " 22.....	13,684.13	
The Summer Sessions.....	" " 27.....	11,840.53	
Gross Income from Schools.....			\$277,906.44
The School of Medicine Net Expense, Schedule No. 20		\$33,034.50	
The School of Pharmacy " " " " 23		3,800.38	
The School of Education " " " " 24		4,369.18	
The Division of Library Science " " " " 25		125.07	
The Division of Fine Arts " " " " 26		9,227.28	
			50,556.41
Net Income from Schools.....			\$227,350.03

Other Income:

Fees—Old Accounts.....	475.27
University Fees—General.....	16,796.40
University Fees—Summer Sessions.....	1,082.40
Graduation Fees.....	13,788.00
Junior Certificates.....	3,000.00
Breakage Deposits.....	2,320.57
Binding of Theses Fees.....	170.00
Endowment Funds Income:	
For General Purposes.....	6,042.35
For Specific Purposes—Pairo Fund.....	7,297.58
Reappropriations.....	1,235.94
Interest Earned on Notes Receivable.....	2,002.00
Discount Received.....	2,065.83
Contributions and Donations:	
Prizes.....	185.00
Other.....	1,180.00
University Press.....	959.71
Rents Received:	
Fraternity Rooms.....	1,372.50
Sherman Avenue Property.....	1,186.07
716 Twenty-first Street, N. W.....	39.90
2142 H Street, N. W.....	30.40
Use of Corcoran Hall.....	20.00
Use of Medical School Hall.....	75.00

GENERAL ACCOUNTS

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Other Income—Continued.

College Entrance Board Examinations	\$90.00
Telephone and Telegraph Tolls	104.54
Cash Adjustment on Real Estate Purchased	40.80
Third Division—Excess of Income over Expense for the Year— Schedule No. 28	15,188.71
	<u>\$304,099.00</u>

EXPENSE

General Administration	Schedule No. 6	\$56,672.74
Retirements	" " 7	5,400.00
Alumni Office and Press Bureau	" " 8	7,944.35
Comptroller's Department	" " 9	52,335.30
Office of the Registrar	" " 10	15,586.93
Office of the Director of Admissions	" " 11	16,101.96
University Libraries	" " 12	13,262.34
Personnel Department	" " 13	3,420.33
Adviser to Students of Foreign Countries	" " 14	484.57
Physical Education for Women	" " 15	11,564.01
Physical Education for Men	" " 16	13,435.71
Center of Inter-American Studies	" " 17	2,145.50
Thirteenth and L Streets Property		1,058.88
Sherman Avenue Property		970.46
Prizes		185.00
College Entrance Board		50.00
		<u>200,618.08</u>
Net Income to Surplus Account—Exhibit "D"		<u>\$103,480.92</u>

REPORT OF THE COMPTROLLER

EXHIBIT "C"
THE GEORGE WASHINGTON UNIVERSITY
STATEMENT OF CASH RECEIPTS AND PAYMENTS
For the Year Ended August 31, 1935

Receipts		Payments
Student Fees:		
The Junior College	\$ 307,161.45	
Columbian College	75,512.02	
The School of Government	11,451.34	
The Division of University and Extension Students	69,993.38	
The Graduate Council	4,130.42	
The School of Medicine	139,536.80	
The Law School	141,828.17	
The School of Engineering	53,310.87	
The School of Pharmacy	2,768.20	
The School of Education	26,559.79	
The Division of Library Science	9,434.33	
The Division of Fine Arts	4,962.58	
The Summer Sessions	\$ 55,169.40	\$ 725,605.01
Other Student Fees:		
University Fees	\$ 89,642.00	
Graduation Fees	14,560.00	
Junior Certificate Fees	3,000.00	
Breakage Deposits	6,089.12	
Binding of Theses	172.00	
Tuition—Old Accounts	1,450.61	
Prepaid Tuition	114,913.73	
Endowment Funds Income:		
For Specific Purposes		
Columbian College	\$ 6,454.20	
The School of Government	23,651.53	
The School of Medicine	2,956.40	
The School of Pharmacy	251.90	
Pair Fund Athletics	7,297.58	
For General Purposes	40,613.61	
Executive Trust Funds Principal for:	6,042.35	
Columbian College	\$ 6,000.00	
The School of Government	7,000.00	
Law Library	501.25	
Erection of New Building	32,410.92	
	45,912.17	
Departmental Expense:		
The Junior College		\$ 317,001.60
Columbian College		180,369.23
The School of Government		81,408.43
The Division of University and Extension Students		30,466.71
The Graduate Council		1,454.44
The School of Medicine		180,369.23
The Law School		30,466.71
The School of Engineering		6,320.48
The School of Pharmacy		6,328.97
The School of Education		30,466.71
The Division of Library Science		9,434.33
The Division of Fine Arts		4,962.58
The Summer Sessions		43,328.87
Refunds of Sundry Fees:		
University Fees	\$ 248.00	
Graduation Fees	540.00	
Junior Certificate Fees	320.00	
Breakage Deposits	3,768.55	
Binding of Theses	14.00	
Tuition—Old Accounts	975.34	
Prepaid Tuition	200.00	
Refundments	5,965.89	
General Administration	5,400.00	
Alumni Office and Press Bureau	56,692.74	
Comptroller's Department	7,944.35	
Office of The Registrar	52,315.30	
Office of The Director of Admissions	15,586.93	
University Libraries	16,101.96	
Personnel Department	13,262.34	
Physical Education for Women	3,420.33	
Physical Education for Men	11,564.01	
Physical Education for Foreign Countries	13,435.71	
Adviser to Students from Foreign Countries	2,145.50	
Center of Inter-American Studies	185.00	
Prizes	970.46	
Expense of Sherman Avenue Property	1,058.88	
Expense of Thirteenth and I. Streets Property	50.00	
College Entrance Examinations	4,740.35	
Transfer of 1934-35 Prepaid Tuition to Schools		

Repts. Received		Interest Earned on Notes Receivable	
Fraternity Rooms	\$ 1,372 50		
Sherman Avenue Property	1,186 00		
716 Twenty-first Street, N. W.	39 90		
2142 H Street, N. W.	30 40		
Use of Medical School Hall	75 00		
Use of Corcoran Hall	20 00		
		\$ 2,723 87	
		2,002 00	
			\$ 4,725 87
Contributions and Donations			
Board of Trustees for Faculty House	\$ 250 00		
Columbian Window for Alumni Secretary	100 00		
For Purchase of Willard Library	312 00		
Prizes	185 00		
For Purchase of Flagpole	561 00		
Rocketteller Foundation	2,104 00		
Lilly Foundation	1,200 00		
Dr. Howard P. Kane and Dr. J. Kotz	1,340 51		
		\$ 6,186 51	
Reappropriations			
Temporary Loans—Riggs National Bank	1,235 94		
Faculty House Remodeling	12,000 00		
College Entrance Examinations	1,000 00		
Telephone and Telegraph Tolls	104 54		
Repayment of Loan to University Store	1,000 00		
Return of Deposits on Real Estate	1,000 00		
University Press	959 71		
Received on Sale of Thirteenth and L Streets Property	8,129 54		
University Hatchet	8,753 10		
Law Review	1,728 99		
Cherry Tree	1,712 95		
Football Gates	69,688 64		
Other Sports	1,473 22		
Glee Club	1,111 35		
Student Band	279 97		
University Plays	1,354 85		
Student Council	3,609 41		
Deferred Income—Student Band	152 00		
Deferred Income—Glee Club	949 57		
Cash Discount	2,065 83		
		\$1,246,748 21	
Total Cash Receipts		17,763 48	
Cash Balance, August 31, 1934			\$1,264,511 69

EXHIBIT "D"

THE GEORGE WASHINGTON UNIVERSITY
ANALYSIS OF SURPLUS ACCOUNT
For the Year Ended August 31, 1935

Surplus, August 31, 1934.....		\$1,704,003.58
<i>Additions to Surplus:</i>		
From Revaluation of Medical School and Hospital Lands and Buildings.....	\$318,945.29	
Profit on Sale of Thirteenth and L Street, N. W. Property.....	25,829.54	
Executory Trust Funds for Erection of New Building.....	32,410.92	
Executory Trust Funds for Purchase of Law Books.....	501.25	
Income Earned by Fund for Reduction of Liability to Endowment Funds Principal.....	202.20	
Net Income for 1934-35 Year transferred from Revenue Account—Exhibit "B".....	103,480.92	
		<u>481,370.12</u>
		\$2,185,373.70
<i>Deductions from Surplus:</i>		
Depreciation on Books and Equipment.....	\$37,020.71	
To Absorb University Hospital Cash Deficit as at August 31, 1935.....	20,355.20	
		<u>57,375.91</u>
Surplus, August 31, 1935.....		<u><u>\$2,127,997.79</u></u>

GENERAL ACCOUNTS

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SCHEDULE No. 1

NOTES RECEIVABLE, AUGUST 31, 1935

American Pharmaceutical Association	\$36,400.00
One note due January 19, 1936	
Interest $5\frac{1}{2}\%$ S.A. Secured by Lots 7, 12 to 15, Square 62.	
Harry and Company	40,000.00
Eleven notes dated July 9, 1935.	
Interest 5% S.A. Secured by lots 53 and 54, square 248. Due as follows:	
Note No. 1 for \$1,000 due July 9, 1936	
" " 2 " 1,000 " July 9, 1937	
" " 3 " 1,000 " July 9, 1938	
" " 4 " 1,000 " July 9, 1939	
" " 5 " 1,000 " July 9, 1940	
" " 6 " 1,000 " July 9, 1941	
" " 7 " 1,000 " July 9, 1942	
" " 8 " 1,000 " July 9, 1943	
" " 9 " 1,000 " July 9, 1944	
" " 10 " 1,000 " July 9, 1945	
" " 11 " 30,000 " July 9, 1945	

\$40,000\$76,400.00

SCHEDULE No. 2

ACCOUNTS RECEIVABLE, AUGUST 31, 1935

Advanced to University Stores	\$5,696.62
Advanced to Duplicating Bureau	1,468.31
Advanced on Royalties from sale of Professor Born's Book	500.00
	<u>\$7,664.93</u>

REPORT OF THE COMPTROLLER

SCHEDULE No. 3
LAND, EDUCATIONAL AND MISCELLANEOUS BUILDINGS
August 31, 1935

Location	Square	Lot	Book Value
2005 G Street, N. W.	102	28	\$10,500.00
2007 G Street, N. W.	102	29	11,500.00
2009-11 G Street, N. W.	102	30 to 32	40,000.00
2013 G Street, N. W.	102	800	24,000.00
2015 G Street, N. W.	102	801	28,655.46
2017-23 G Street, N. W.	102	802	103,862.05
2024 G Street, N. W.	103	16	14,033.93
2026 G Street, N. W.	103	15	15,074.96
2033 G Street, N. W.	102	803 to 806	117,047.12
2100 G Street, N. W.	80	810	24,990.06
2101 G Street, N. W.	79	800-801	25,000.00
2102 G Street, N. W.	80	818	13,051.60
2107 G Street, N. W.	79	47	16,500.00
2010-12 H Street, N. W.	102	825-826	58,331.44
2014 H Street, N. W.	102	824	5,219.88
2016 H Street, N. W.	102	823	14,053.60
2018 H Street, N. W.	102	822	14,250.00
2018½ H Street, N. W.	102	821	11,750.00
2020-22 H Street, N. W.	102	819-820	31,066.71
2024 H Street, N. W.	102	818	12,000.00
2026 H Street, N. W.	102	829-30	10,237.44
2030 H Street, N. W.	102	815 to 817	43,667.49
2142 H Street, N. W.	79	D	1,500.00
700 Twentieth Street, N. W.	102	26	17,559.40
702 Twentieth Street, N. W.	102	25	14,555.10
704 Twentieth Street, N. W.	102	24	12,000.00
712 Twentieth Street, N. W.	102	42	14,295.10
714 Twentieth Street, N. W.	102	41	14,755.10
716 Twentieth Street, N. W.	102	40	13,805.35
718 Twentieth Street, N. W.	102	828	20,063.25
720 Twentieth Street, N. W.	102	44	279,325.93
606-608-610-612 Twenty-first Street, N. W.	80	19, 20, 21 & 22	25,000.00
713 Twenty-first Street, N. W.	102	807	12,050.10
714 Twenty-first Street, N. W.	79	46	40,354.20
715 Twenty-first Street, N. W.	102	808	12,065.75
716 Twenty-first Street, N. W.	79	830-831	8,885.00
725 Twenty-first Street, N. W.	102	43	327,481.92
1335-41 H Street, N. W.	250	43	974,520.00
2566-70-72-74 Sherman Ave., N. W.	2864	800-801-806-809	37,815.47
Total Real Estate, General Funds— Exhibit "A"			\$2,470,823.41

GENERAL ACCOUNTS

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SCHEDULE No. 4
EQUIPMENT AND LIBRARY BOOKS

August 31, 1935

	Equipment	Library Books
Arts and Sciences.....	\$168,208.91	\$74,497.60
The Law School.....	8,777.63	55,056.53
The School of Medicine.....	124,805.61	14,125.46
The School of Pharmacy.....	9,605.74	1,008.38
The Division of Fine Arts.....	959.88	
The University Library.....	1,171.51	
Mechanical Laboratory.....	9,803.93	
Administrative.....	52,334.70	
Gymnasium.....	7,343.49	
The University Hospital.....	45,512.82	
The Faculty Club.....	3,853.45	
Student Band.....	2,939.21	
	\$435,316.88	\$144,687.97
Deduct Depreciation.....	220,564.54	52,628.58
Total—Exhibit "A".....	\$214,752.34	\$92,059.39

SCHEDULE No. 5
TRUST NOTES PAYABLE—GENERAL FUNDS
August 31, 1935

Payee	Security	Interest Rate %	Maturity	Principal Amount
The Washington Loan & Trust Co.....	Corcoran Hall	5½	12-14-35	\$220,000.00
American Security & Trust Co..	Stockton Hall	5½	12-17-37	150,000.00
American Security & Trust Co..	2009-11 G St.	5½	1-11-38	12,000.00
Metropolitan Life Insurance Co.	2026 G St.	6	2- 1-42	3,970.00
American Security & Trust Co.	Sherman Ave.	5½	11- 2-36	4,700.00
American Security & Trust Co.	Sherman Ave.	6	6- 7-36	4,000.00
American Security & Trust Co..	Sherman Ave.	5½	3- 2-37	2,800.00
Helen B. Welch.....	606-21st St.	6	11-27-37	3,000.00
Edith Linkenkohl.....	608-21st St.	6	11-27-37	3,000.00
Edith Linkenkohl.....	610-21st St.	6	11-27-37	3,000.00
Helen B. Welch.....	612-21st St.	6	11-27-37	3,000.00
Total—Exhibit "A".....				\$409,470.00

REPORT OF THE COMPTROLLER

SCHEDULE No. 6

EXPENSE—GENERAL ADMINISTRATION

Salaries.....	\$35,684.59
Office Expense.....	408.77
Counsel Fee.....	250.00
Stationery, Printing and Postage.....	907.65
Travel.....	3,290.40
Subscriptions and Memberships.....	351.55
Classical School at Athens.....	40.00
Administration Entertainment.....	666.10
Emergency.....	6,351.01
Scholarships.....	8,722.67
	<u>\$56,672.74</u>

SCHEDULE No. 7

EXPENSE—RETIREMENTS

Salaries.....	<u>\$5,400.00</u>
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SCHEDULE No. 8

EXPENSE—ALUMNI OFFICE AND PRESS BUREAU

Salaries.....	\$5,900.00
Office Expense.....	80.53
Alumni Expense.....	389.69
Stationery, Printing and Postage.....	388.33
Press Clippings.....	433.15
Subscriptions.....	35.80
Publications.....	716.85
	<u>\$7,944.35</u>

SCHEDULE No. 9

EXPENSE—COMPTROLLER'S DEPARTMENT

Salaries.....	\$34,276.38
Office Expense.....	3,451.48
Auditing.....	550.00
Surety Bonds.....	392.00
Telephones.....	4,183.35
Advertising.....	1,478.77
Commencement.....	8,003.32
	<u>\$52,335.30</u>

GENERAL ACCOUNTS

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SCHEDULE No. 10

EXPENSE—OFFICE OF THE REGISTRAR

Salaries.....	\$12,845.32
Office Expense.....	2,741.61
	<u>\$15,586.93</u>

SCHEDULE No. 11

EXPENSE—OFFICE OF THE DIRECTOR OF ADMISSIONS

Salaries.....	\$4,960.00
Office Expense.....	1,250.05
Catalogues.....	9,614.20
Mailing Catalogues.....	277.71
	<u>\$16,101.96</u>

SCHEDULE No. 12

EXPENSE—UNIVERSITY LIBRARIES

Salaries.....	\$11,899.50
Office Expense.....	325.04
Binding—General.....	542.00
Replacements—General.....	72.50
Binding and Replacements—Law Library.....	299.45
Binding—Medical School Library.....	123.85
	<u>\$13,262.34</u>

SCHEDULE No. 13

EXPENSE—PERSONNEL DEPARTMENT

Salaries.....	\$3,160.00
Office Expense.....	185.65
Entertainment.....	41.03
First Aid.....	1.51
Laundry.....	32.14
	<u>\$3,420.33</u>

SCHEDULE No. 14

EXPENSE—ADVISER TO STUDENTS FROM FOREIGN COUNTRIES

Salaries.....	\$360.50
Office Expense.....	24.07
Entertainment.....	100.00
	<u>\$484.57</u>

REPORT OF THE COMPTROLLER

SCHEDULE No. 15

EXPENSE—PHYSICAL EDUCATION FOR WOMEN

Salaries.....	\$0,147.60
Office Expense.....	189.43
Sports.....	1,324.35
Transportation to Field.....	769.00
Laundry, Towels, etc.....	133.63
	<u>\$11,564.01</u>

SCHEDULE No. 16

EXPENSE—PHYSICAL EDUCATION FOR MEN

Salaries.....	\$11,729.96
Office Expense.....	75.83
Intramurals.....	996.83
Swimming Pool.....	300.00
YMCA Floor.....	100.00
Supplies.....	150.54
Repairs and Replacements.....	7.90
Renovation and Laundry.....	74.65
	<u>\$13,435.71</u>

SCHEDULE No. 17

EXPENSE—CENTER OF INTER-AMERICAN STUDIES

Salaries.....	\$460.50
Office Expense.....	85.00
Publications.....	1,600.00
	<u>\$2,145.50</u>

GENERAL ACCOUNTS

21

SCHEDULE No. 18

THE JUNIOR COLLEGE

COLUMBIAN COLLEGE

THE SCHOOL OF GOVERNMENT

THE DIVISION OF UNIVERSITY AND EXTENSION STUDENTS

INCOME AND EXPENSE

For the Year Ended August 31, 1935

Income

	Junior	Columbian	Government	University and Extension	Total
Student Fees.....	\$107,161.45	\$75,512.03	\$11,451.34	\$69,993.18	\$464,118.19
Endowment Income:					
Sanders Fellowship Fund.....		6,344.00			6,344.00
Elton Professorship Fund.....		110.20			110.20
Scottish Rite Endowment Fund.....			23,653.53		23,653.53
Executory Trust Funds:					
Depew Oratory Fund.....		6,000.00			6,000.00
National League of Masonic Clubs Fund.....			7,000.00		7,000.00
For Special Research in Physics.....		21.73			21.73
	<u>\$107,161.45</u>	<u>\$87,987.95</u>	<u>\$42,104.87</u>	<u>\$69,993.18</u>	<u>\$307,247.65</u>

Expense

Administration:

Salaries.....	\$6,292.00	
Office Expense.....	472.36	
Refunds to Students.....	2,951.45	
		<u>\$9,715.81</u>

Instruction—Schedule "A":

Salaries.....	\$231,020.32	
Office Expense.....	738.47	
Laboratory Supplies.....	9,139.97	
Maintenance and Repairs.....	276.99	
Physics Research.....	21.73	
Examinations.....	249.46	
		<u>241,446.94</u>

Maintenance—Distributive Share..... 66,738.85 \$317,901.60

Net Income to Revenue Account—Exhibit "B"..... \$189,346.05

REPORT OF THE COMPTROLLER

SCHEDULE No. 18A

EXPENSE—INSTRUCTION

For the Year Ended August 31, 1935

Department	Salaries	Office Expense	Laboratory Supplies	Maintenance and Repairs	Physics Research	Examinations
Biology	\$3,400.00	\$9.80	\$100.00			
Botany	9,050.00	40.68	450.78	\$15.00		
Chemistry	20,086.00	49.87	5,946.32	261.99		
Classical Languages and Literature	2,400.00	25.80				
Economics	20,959.00	54.60				
English	34,403.80	79.84				
Geology and Geography	1,650.00	14.26	148.60			
Germanic Languages and Literature	6,950.00	14.85				
History	19,602.00	60.00				
Mathematics	15,075.00	31.17	75.40			
Philosophy	1,350.00	10.00				
Physics	16,994.00	39.60	602.95		\$21.73	
Political Science	14,850.00	43.63				
Psychology	10,212.00	31.33	78.53			\$249.46
Public Speaking	9,840.00	37.28	147.08			
Romance Languages and Literature	23,900.00	47.85				
Slavic Languages and Literature	500.00					
Sociology	7,600.00	89.95				
University and Extension	713.52					
Zoology	9,485.00	27.96	1,490.41			
	<u>\$231,020.12</u>	<u>\$718.47</u>	<u>\$9,110.07</u>	<u>\$276.09</u>	<u>\$21.73</u>	<u>\$249.46</u>

SCHEDULE No. 19

THE GRADUATE COUNCIL

INCOME AND EXPENSE

For the Year Ended August 31, 1935

Income

Student Fees..... \$4,130.42

Expense

Administration:

Office Expense..... \$860.98

Maintenance—Distributive Share..... 593.46

1,454.44Net Income Transferred to Revenue Account—Exhibit "B"..... \$2,675.98

GENERAL ACCOUNTS

23

SCHEDULE No. 20
THE SCHOOL OF MEDICINE
INCOME AND EXPENSE
For the Year Ended August 31, 1935

Income

Student Fees		\$139,536.80
Endowment Income:		
Gardner Medical School Fund	\$200.00	
Lewis Medical School Fund	2,324.04	
Sharpe Medical School Fund	424.80	
General Medical Endowment Fund	7.56	
		2,956.40
For Research:		
Rockefeller Foundation	\$2,198.00	
Lilly Foundation	1,200.00	
Drs. Howard F. Kane and J. Kotz	1,380.53	
		4,778.53
		<u>\$147,271.73</u>

Expense

Administration:		
Salaries	\$7,199.96	
Dues	150.00	
Office Expense	745.52	
Professional Reprints	400.00	
Students' Room Rent	480.00	
Refunds to Students	987.80	
Dean's Operating Fund	394.08	
		\$10,357.36
Instruction:		
Salaries	\$130,225.97	
Laboratory Supplies	4,675.25	
X-ray Teaching	84.00	
Anesthesia Fees	75.00	
Educational Research	9,923.72	
Special Research:		
Lilly Fund	1,315.63	
Rockefeller Fund	2,198.32	
Kane-Kotz Fund	1,380.53	
		149,878.42
Maintenance—Distributive Share	20,070.45	
		<u>180,306.23</u>
Net Expense to Revenue Account—Exhibit "B"		<u>\$33,034.50</u>

REPORT OF THE COMPTROLLER

SCHEDULE No. 20A

EXPENSE—MEDICAL SCHOOL INSTRUCTION

Department	Salaries	Laboratory Supplies	X-Ray Teaching	Anaesthesia Fees	Educational Research
Anatomy.....	\$11,700.00	\$770.20			
Bacteriology Hygiene and Pre- ventative Medicine.....	26,030.00	1,041.74			
Biochemistry.....	20,310.00	878.74			
Dermatology and Syphilology..	1,150.00				
Medicine.....	5,000.00		\$84.00		
Neurology.....	1,980.00	167.16			
Obstetrics and Gynecology.....	3,400.00				
Ophthalmology.....	1,000.00				
Oro-rhino-laryngology.....	1,850.00				
Pathology and Experimental Medicine.....	18,324.97	836.44			
Pediatrics.....	1,600.00				
Pharmacology and Therapeutics	9,311.00	493.44			
Physiology.....	12,000.00	487.53			
Psychiatry.....	1,700.00				
Surgery.....	4,450.00			\$75.00	
Urology.....	2,000.00				
Medical Research.....	7,820.00				\$9,923.72
Educational Research.....					
	<u>\$130,225.07</u>	<u>\$4,675.25</u>	<u>\$84.00</u>	<u>\$75.00</u>	<u>\$9,923.72</u>

SCHEDULE No. 21

THE LAW SCHOOL

INCOME AND EXPENSE

For the Year Ended August 31, 1935

Income

Student Fees..... \$141,828.17

Expense

Administration:

Salaries..... \$4,480.00
 Dean's Operating Fund..... 242.30
 Office Expense..... 700.01
 Refunds to Students..... 118.01

\$5,540.32

Instruction:

Salaries..... \$55,124.00
 Office Expense..... 399.60

\$55,523.60

Maintenance—Distributive Share.....

20,404.50

81,468.42

Net Income to Revenue Account—Exhibit "B".....

\$60,359.75

GENERAL ACCOUNTS

25

SCHEDULE No. 22
THE SCHOOL OF ENGINEERING
INCOME AND EXPENSE
For the Year Ended August 31, 1935

Income

Student Fees..... \$53,330.87

Expense

Administration:

Salaries..... \$1,950.00
Office Expense..... 149.63
Refunds to Students..... 114.03
\$2,213.66

Civil Engineering:

Salaries..... \$11,880.00
Laboratory Supplies..... 188.49
12,068.49

Electrical Engineering:

Salaries..... \$6,480.00
Laboratory Supplies..... 398.58
6,878.58

Mechanical Engineering:

Salaries..... \$10,280.00
Laboratory Supplies..... 217.30
10,497.30

Maintenance—Distributive Share..... \$7,658.94
Special Fund..... 329.77
7,988.71

39,646.74

Net Income to Revenue Account Exhibit "B"..... \$13,684.13

SCHEDULE No. 23
THE SCHOOL OF PHARMACY
INCOME AND EXPENSE
For the Year Ended August 31, 1935

Income

Student Fees..... \$2,768.20
Gibbs Pharmacy Fund..... 251.90

\$3,020.10

Expense

Administration:

Salaries..... \$200.00
Office Expense..... 38.73
Refunds to Students..... 10.66
\$249.39

REPORT OF THE COMPTROLLER

Instruction:			
Salaries.....	\$5,700.00		
Laboratory Supplies.....	459.23		
Repairs.....	16.70		
		<u>\$6,175.93</u>	
Maintenance—Distributive Share.....		395.16	
			<u>\$6,820.48</u>
Net Expense to Revenue Account—Exhibit "B".....			<u>\$3,800.38</u>

SCHEDULE No. 24
 THE SCHOOL OF EDUCATION
 INCOME AND EXPENSE
 For the Year Ended August 31, 1935

Income

Student Fees.....	\$26,559.79
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Expense

Administration:			
Salaries.....	\$2,000.00		
Office Expense.....	60.00		
Refunds to Students.....	159.33		
		<u>\$2,219.33</u>	
Education:			
Salaries.....	\$17,044.00		
Office Expense.....	98.86		
Scholarships—Supervising Teachers...	608.00		
		<u>17,750.86</u>	
Home Economics:			
Salaries.....	\$6,600.00		
Laboratory Materials.....	446.85		
Office Expense.....	21.84		
Laboratory Maintenance.....	74.99		
		<u>7,143.68</u>	
Maintenance—Distributive Share.....		3,815.10	
			<u>30,928.97</u>
Net Expense to Revenue Account—Exhibit "B".....			<u>\$4,369.18</u>

GENERAL ACCOUNTS

27

SCHEDULE No. 25
THE DIVISION OF LIBRARY SCIENCE
INCOME AND EXPENSE
For the Year Ended August 31, 1935

Income

Student Fees..... \$9,434.33

Expense

Administration:

Salaries..... \$200.00
Office Expense..... 45.05
Refunds to Students..... 14.00

\$259.05

Instruction:

Salaries..... \$7,940.00
Supplies..... 69.62

8,009.62

Maintenance—Distributive Share..... 1,290.73

9,559.40

Net Expense to Revenue Account..... \$125.07

SCHEDULE No. 26
THE DIVISION OF FINE ARTS
INCOME AND EXPENSE
For the Year Ended August 31, 1935

Income

Student Fees..... \$4,962.58

Expense

Administration:

Salaries..... \$200.00
Office Expense..... 74.65
Refunds to Students..... 10.00
Repairs to Equipment..... 22.69

\$307.34

Instruction:

Salaries..... \$11,850.00
Models..... 597.08
Beaux Arts Design..... 699.28
Express..... 30.87

13,177.23

Maintenance—Distributive Share..... 705.29

14,189.86

Net Expense to Revenue Account—Exhibit "B"..... \$9,227.28

REPORT OF THE COMPTROLLER

SCHEDULE No. 27
THE SUMMER SESSIONS OF 1935
INCOME AND EXPENSE

Income

Student Fees:

The Junior College.....	\$15,565.52	
Columbian College.....	6,325.25	
The School of Government.....	512.00	
The School of Education.....	5,214.34	
The Division of Library Science.....	316.00	
The Law School.....	14,645.00	
The Graduate Council.....	40.00	
The School of Engineering.....	1,813.50	
The Division of Fine Arts.....	202.00	
The Division of University and Extension Students.....	10,409.51	
The School of Pharmacy.....	126.28	
		<u>\$55,169.40</u>

Expense

Administration:

Salaries.....	\$2,820.00	
Printing.....	941.51	
Office Expense.....	270.18	
Postage.....	177.20	
Social Fund.....	265.78	
Refunds to Students.....	715.35	
		<u>\$5,190.02</u>

Junior College:

Salaries.....	\$13,495.00	
Chemistry Laboratory.....	374.95	
Geology Laboratory.....	25.00	
Physics Laboratory.....	72.52	
Zoology Laboratory.....	163.79	
		<u>14,131.26</u>

Columbian College:

Salaries.....	3,480.00	
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The School of Government:

Salaries.....	4,030.00	
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The School of Education:

Salaries.....	2,900.00	
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The Division of Library Science:

Salaries.....	480.00	
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The Law School:

Salaries.....	5,200.00	
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Maintenance—Distributive Share.....	7,917.59	
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43,328.87

Net Income to Revenue Account—Exhibit "B"..... \$11,840.53

THIRD DIVISION
RELATED ACTIVITIES
FOR THE YEAR ENDED
AUGUST 31, 1935

THIRD DIVISION

31

SCHEDULE No. 28 THIRD DIVISION—RELATED ACTIVITIES INCOME AND EXPENSE

For the Year Ended August 31, 1935

Health Administration:

Income:

Student Activity Fees..... \$11,174.22

Expense:

Salaries..... \$4,600.00

Hospitalization..... 4,872.00

9,472.00

Net Income..... \$1,702.22

University Hatchet:

Income:

Student Activity Fees..... \$6,936.96

Advertising..... 8,753.10

\$15,690.06

Expense:

Salaries..... \$780.00

Printing..... 7,531.51

Engraving..... 638.31

Circulation..... 795.05

Office Expense..... 339.46

Advertising..... 696.67

Miscellaneous..... 234.35

11,015.35

Net Income..... 4,674.71

The Cherry Tree:

Income:

Subscriptions..... \$1,290.50

Organizations..... 1,499.55

Photographs..... 942.00

\$3,732.05

Expense:

Salaries..... \$300.00

Printing and Engraving..... 3,253.85

Miscellaneous..... 155.91

3,709.76

Net Income..... 22.29

The Law Review:

Income:

Student Activity Fees..... \$1,287.27

Advertising..... 360.00

Subscriptions..... 1,368.99

\$3,016.26

REPORT OF THE COMPTROLLER

Expense:		
Salaries	\$300.00	
Printing	1,991.66	
Circulation	80.00	
Office Expense	9.88	
Miscellaneous	87.95	
		2,469.49
Net Income		\$546.77

The Glee Club:

Income:		
Deferred Income, August 31, 1934..	\$949.57	
Student Activity Fees	1,676.31	
Receipts	1,111.35	
		\$3,737.23
Income Deferred for 1935-36 Year		590.03
		\$3,147.20

Expense:		
Salaries	\$1,325.00	
Expense	1,305.74	
		2,630.74
Net Income		516.46

The Student Band:

Income:		
Deferred Income, August 31, 1934..	\$352.09	
Student Activity Fees	670.45	
Receipts	279.97	
	\$1,302.51	
Income Deferred for 1935-36 Year....	231.30	
		\$1,071.21

Expense:		
Salaries	\$600.00	
The Rousers Club	74.77	
Expense	120.49	
		795.26
Net Income		275.95

University Fiesta:

Income	\$1,616.61
Expense	1,616.61

Debating:

Income:	
Student Activity Fees	\$893.94

THIRD DIVISION

33

Expense:

Operation	\$486.72	
High School Debate	282.92	
		<u>769.64</u>

Net Income \$124.30

Dramatics:

Income:

Student Activity Fees	\$391.19	
Receipts from Plays	1,358.85	
		<u>\$1,750.04</u>

Expense:

University Plays	\$1,476.20	
Troubadours	712.81	
		<u>2,189.01</u>

Net Expense 438.97

The Student Council:

Income:

Student Activity Fees	\$195.24	
Sale of Cooperative Books	1,855.20	
Receipts of Citadel Dance	138.00	
		<u>\$2,188.44</u>

Expense:

Cooperative Books	\$1,851.20	
Other Expense	312.42	
		<u>2,163.62</u>

Net Income 24.82

Men's Athletics:

Income:

Student Activity Fees	\$44,467.86	
Gross Gate Receipts		
Football	\$69,088.64	
Less: Guarantees, Park		
Rental, etc.	52,634.73	
		<u>16,453.91</u>
Other Men's Sports	1,473.22	
		<u>\$62,394.99</u>

Expense:

Salaries	\$7,510.04	
Football	37,653.23	
Basketball	7,972.76	
Rifle	498.34	
Swimming	407.35	
Tennis	400.40	
Awards	987.40	
Office Expense and Supplies	180.98	
Directors Fund	674.90	
Renovation and Laundry	1,000.00	
		<u>57,285.40</u>

Net Income \$5,109.59

Student Activity Books:

Income:

Student Activity Fees..... \$1,676.31

Expense:

Salaries..... \$120.00

Other Expense..... 1,071.19

1,191.19

Net Income.....

\$485.12*Administrative Reserve:*

Income from Student Activity Fees.....

2,145.45

Net Income to Revenue Account—Exhibit "B".....

\$15,188.71

TRUST ACCOUNTS

TRUST ACCOUNTS

37

SCHEDULE No. 29

TRUST FUNDS

As at August 31, 1935

GENERAL ENDOWMENT FUNDS

Permanent funds, principal to be invested and income only to be used for support of the general work of The University.

George N. Acker Fund:

Bequest of George N. Acker, M.D., of Washington, D. C., received July 2, 1924. An unconditional gift carried as a general endowment by direction of the Board of Trustees..... \$300.00

Alumni Endowment Fund:

A fund established by the Senior Class of 1920, as a testimonial of grateful appreciation, to be added to by succeeding graduating classes, the income only to be used for the general welfare of the University, as directed by the Board of Trustees..... 542.00

1923-24 Campaign Fund:

Receipts through the Treasurer of the Fund, from various donors, and invested as a general endowment..... 186,639.38

Corcoran Fund:

Fund raised by authority of the Trustees of Columbian College and Columbian University between the years 1871 and 1886, to be forever held inalienable, and not to be diminished by use for the support of the institution, but the whole amount to be invested, in the discretion of the Trustees and according to their best judgment, and the interest thereon or the income therefrom to be used for the current expenses and support of the institution; William W. Corcoran, of Washington, D. C., giving \$112,000.00, and the balance being obtained by general subscription..... 220,155.76

Subscription Gifts Fund, 1845-1851:

Fund raised by authority of the Trustees of Columbian College by general subscription between the years 1845 and 1851, as a permanent endowment for the support of the college. (Formerly called the Poindexter Endowment Fund)..... 12,525.56

Syms Fund:

Bequest of Samuel Syms, of West Hoboken, New Jersey, in 1891, to Columbian University, to be applied by the Trustees toward the endowment of the College proper..... 1,500.00

Trustees' Fund:

A fund contributed by the Board of Trustees of The University during the 1932-33 year and to be used to increase the general endowment of The University..... 1,000.00

Withers Fund:

Fund raised by authority of the Trustees of Columbian College between the years 1851 and 1870, for increasing the endowment fund of the College; John Withers of Alexandria, Virginia, giving \$16,000.00, and the balance being obtained by general subscription. (Formerly called the Forty Thousand Dollar Endowment Fund.)..... 26,891.46

\$449,554.16

THE SCOTTISH RITE ENDOWMENT FUND

A fund of One Million Dollars, created by indenture, dated December 27, 1928, by the Supreme Council of the Ancient and Accepted Scottish Rite of Freemasonry of the Southern Jurisdiction of the United States of America, as a permanent memorial to George Washington, The Mason, and in consideration of its high esteem of The University as an institution of learning. The principal of the fund is payable as follows: "One Hundred Thousand Dollars on the execution and delivery of this indenture, or deed of donation. Annually thereafter this sum of One Hundred Thousand Dollars a year, payable on or before the 22nd of February in each year, until the sum above named has been fully paid." The principal of the fund is "to be held by the University in trust, in perpetuity, and by the Board of Trustees of The University to be safely invested and the income thereof used in the establishment and maintenance by the University as a part of its institution of learning of a School or Department of Government designed to perpetuate the principles of human freedom, the rights of man, and the sovereignty of the people, as those principles are enunciated in the Constitution of the United States and embodied in the system of State and Federal Governments composing the United States of America".....

\$800,000.00

PROFESSORSHIP ENDOWMENT FUNDS

Permanent funds, principal to be invested and income only to be used, for support of professorships as specified by the donors.

Alumni Professorship Fund:

Gifts of various alumni since 1911, for the endowment of an Alumni Professorship in Mathematics, the amount to be invested and the income only to be used for the professorship.....

\$829.49

Art and Archaeology Fund:

A fund established by the Board of Trustees on May 18, 1927, the income to be devoted to the "support of the School of Classical Studies at Athens as long as the Board desires to contribute to this cause".....

1,000.00

Mitchell Carroll Professorship Fund:

A fund established by Mary A. Sharpe, April 17, 1928, to memorialize Professor Mitchell Carroll; the income to be used to provide a revenue for a chair in Archaeology.....

500.00

Congressional Professorship Fund:

Donation by the United States, in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold and the proceeds invested as a capital, the dividends or interest to be used and applied, in aid of other revenues of Columbian College, to the establishment and endowment of such professorships therein "as now are, or hereafter shall be, established by the Trustees".....

105,362.95

Elton Professorship Fund:

Bequest of Rev. Romeo Elton of Exeter, England, in 1872, to be applied to the foundation of a professorship of mental and moral philosophy in Columbian College, to be called the Elton Professorship of Mental and Moral Philosophy \$14,508.19

Nancy Yulee Endowment Fund:

Bequest of Nannie Yulee Noble, in memory of her mother, Nancy Yulee; income to be used for lectures in Home Economics. Fund established April 22, 1929 5,000.00

\$127,200.63

SPECIFIC ENDOWMENT FUNDS

Permanent funds, principal to be invested and income only to be used, for designated purposes specified by the donors (other than support of professorships) incidental to, or connected with, the general work of The University.

SCHOLARSHIP FUNDS:

Byron Andrews Memorial Scholarship Fund:

A fund founded by Mrs. Belle Fisk Andrews, in memory of her husband, Byron Andrews, to provide scholarships "for ambitious and needy students in English, Latin, Journalism, History, Literature or Political Science." (Principal of fund held in trust for investment by the American Security and Trust Company.) \$3,000.00

Elizabeth V. Brown Scholarship Fund:

A fund created by the College Women's Club of Washington, D.C., in 1925, as a memorial to Elizabeth V. Brown, the income to be used for scholarships in the School of Education 1,200.00

Emma K. Carr Scholarship Fund:

Bequest of Emma K. Carr of Moorefield, West Virginia, dated June 9, 1926, to The George Washington University to "found for white boys or young men, one or more scholarships in that University to be known as the Carr Scholarships" 58,389.93

H. H. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1896, in memory of her husband, Henry Harding Carter, to Columbian University, as a foundation for scholarships in Civil Engineering in Columbian College 5,000.00

M. M. Carter Scholarship Fund:

Gift of Mrs. Maria M. Carter, of Washington, D. C., in 1871 to Columbian College, to found a scholarship for some deserving young man 1,000.00

Grace Ross Chamberlin Scholarship Fund:

A fund established in January 1932 by the "Columbian Women" of The George Washington University to provide scholarships for women in Columbian College 2,000.00

College Women's Scholarship Fund:

Donation by the College Women's Club of Washington in 1926, the income to be used by the "Columbian Women" for scholarships..... \$500.00

Davis Scholarship Fund:

Gift of Isaac Davis, of Worcester, Massachusetts, in 1869, the income to be appropriated to some student pursuing his collegiate course in Columbian College under certain conditions . 1,000.00

District of Columbia D. A. R. Scholarship Fund:

A fund contributed by chapters in the District of Columbia, the income to be loaned children of members..... 2,740.59

Farnham Scholarship Fund:

Gift of Mrs. Robert Farnham, of Washington, D. C., in 1871, to Columbian College for a scholarship in the College..... 1,000.00

Founders of Columbian Women Scholarship Fund:

A fund established by the "Columbian Women" of The George Washington University, in 1920, to provide scholarships for women in Columbian College..... 5,000.00

Elma Lewis Harvey Scholarship Fund:

Bequest of Mrs. Emma Elizabeth Harvey, in memory of her daughter, Elma Lewis Harvey, to found a scholarship in the Department of Arts and Sciences for young women of the Protestant faith and of the Caucasian race. (Principal of fund held in trust for investment by The Washington Loan and Trust Co.)..... 5,000.00

The Lillian Young Herron Scholarship Fund:

A fund established by the "Columbian Women" of The George Washington University, in 1925, to provide scholarships for women in Columbian College. (Formerly Third Columbian Women Scholarship Fund.)..... 5,000.00

Kendall Scholarship Fund:

Gift of Amos Kendall, of Washington, D. C., in 1869, to Columbian College on behalf of Calvary Baptist Church in the City of Washington, to purchase a classical scholarship. The Trustees of Public Schools in the City of Washington, and their successors, to have the perpetual privilege of selecting from said schools one pupil annually to fill said scholarship, and the pupil so selected to be entitled to instruction in said College, for the term of six years, free of charge for tuition, use of library, and apparatus, or for any other privilege allowed to paying students of the same grade..... 5,959.61

Isabella Osborn King Memorial Fund:

Bequest of Isabella O. King, by will dated March 15, 1920, the income to be used to provide a scholarship for special investigation in Biology..... 39,714.66

Nellie Maynard Knapp Scholarship Fund:

Gift of "The Columbian Women", in 1915, in memory of Mrs. Nellie Maynard Knapp, for scholarships for women in the Department of Arts and Sciences..... 5,000.00

TRUST ACCOUNTS

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Morehouse Scholarship Fund:

Gift of A. Morehouse, of Washington, D. C., in 1861, to Columbian College, with the design of adding to its ability to furnish gratuitous instruction to indigent students for the Christian ministry.

\$1,500.00

Powell Scholarship Fund:

Devise of real estate by Rear Admiral Levin M. Powell, of Washington, D. C., in 1886, to Columbian University for the free education of young men by way of preparation for entrance in the Naval Academy at Annapolis, or to fit them to become mates and masters in the Merchant Marine Service of the United States.

\$30,000.00

Thomas Bradford Sanders Fellowship Fund:

Bequest of Addie Sanders by will dated March 13, 1928 to The George Washington University, in memory of her late brother, Thomas Bradford Sanders, the income to be used by the proper authorities of The George Washington University in the exercise of their sole and absolute discretion for the establishment of annual scholarships in the several departments of said University, to assist young men and women in obtaining an education and furthering their causes. (Principal of fund held for investment by the National Savings and Trust Company)

179,327.30

David Spencer Scholarship Fund:

Devise in trust of real estate in Knox County, Illinois, the income to constitute an educational fund which under certain conditions shall be used to aid in defraying the expenses of designated students at The University

18,135.00

Mary Lowell Stone Scholarship Fund:

Established in 1893 in memory of Miss Mary Lowell Stone by the gift of an anonymous person to Columbian University for scholarships for needy women students in science in the Department of Arts and Sciences

2,000.00

Walker Scholarship Fund:

Gift of William Walker, of Putnam County, Georgia, in 1824, for the endowment of a scholarship

2,500.00

Lewis D. and Myrtie H. Wilson Scholarship Fund:

A fund established by Miss Elizabeth Wilson, in 1926, the income to be used by the Columbian Women for Scholarships

1,000.00

Withington Scholarship Fund:

Gift of the Board of Trustees of the New York Baptist Theological Seminary, on behalf of John Withington, of New York, in 1829, for the purpose of endowing a scholarship in Columbian College, to be named the Withington Scholarship

1,953.13

Woodhull Scholarship Fund:

Bequest of Ellen M. E. Woodhull, of Washington, D. C., the income to be used for scholarships

600.00

\$380,520.22

PRIZE FUNDS:

Cutter Prize Fund:

Gift of Marion Kendall Cutter, of Washington, D. C., in 1902, to Columbian University, in memory of E. K. Cutter, for a prize to be awarded annually for excellence in the study of English \$1,000.00

Davis Prize Fund:

Gift of Isaac Davis, of Worcester, Massachusetts, in 1847, to Columbian College, for prizes to be awarded annually to such members of the senior class as shall have made the greatest progress in elocution since their connection with the College. 700.00

Fitch Prize Fund:

Gift of James E. Fitch, of Washington, D. C., in 1883, to Columbian University, in memory of Willie E. Fitch, for a gold prize to be assigned annually under the auspices of the Scientific School 1,000.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of Edward Carrington Goddard, class of '81, for a gold medal to be awarded annually to the student making the highest average in the French language and literature 675.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of Morgan Richardson Goddard, for a gold medal, and a cash prize, to be awarded annually to the student making the highest average in Commerce 1,169.00

Goddard Prize Fund:

Gift of Mary W. Goddard, Alice Douglas Goddard, and Frederick J. Goddard, of Georgetown, D. C., in 1923, in memory of James Douglas Goddard, for a gold medal to be awarded annually to the student making the highest average in Pharmacy 675.00

Hubbard Prize Fund:

Gift of Mrs. Gertrude M. Hubbard, of Washington, D. C., in 1907, to The George Washington University in memory of her husband, Gardiner G. Hubbard, for a prize to be awarded annually to the student in the undergraduate department of The University, who, having maintained throughout four years a high standing in the classes of American History, may be required to present the best essay upon an assigned topic in this subject 1,000.00

Larner Prize Fund:

Bequest of the late John B. Larner to provide an annual prize in the Law School 800.00

TRUST ACCOUNTS

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Ordronaux Prize Fund:

Bequest of John Ordronaux, of Glen Head, N. Y., in 1909, to The George Washington University, for the establishment of biennial prizes in the Law and Medical Departments..... \$5,000.00

Ruggles Prize Fund:

Gift of William Ruggles, of Washington, D. C. (a Professor in Columbian College and at one time Acting President), in 1859, to Columbian College, for a prize to be awarded annually for excellence in mathematics..... 500.00

Staughton-Elton Prize Fund:

Gift of Rev. Romeo Elton, of Exeter, England, in 1860 and 1865, to Columbian College, for prizes to be awarded annually for excellence in the Latin and Greek Languages; one to be called the Staughton prize in Latin, the other the Elton prize in Greek..... 500.00

Sterrett Prize Fund:

Gift of Rev. J. MacBride Sterrett, in 1911, to The George Washington University, in memory of his son, J. MacBride Sterrett, Jr., for a gold medal to be awarded annually to the student obtaining the highest average in Physics..... 300.00

Walsh Prize Fund:

Gift of Thomas F. Walsh, of Washington, D. C., in 1901, to Columbian University, for a gold medal to be awarded annually for excellence in Irish history..... 700.00

Weddell Prize Fund:

Gift of Mrs. Virginia Chase Weddell, in 1923, to found a prize to be known as the "Alexander Wilbourne Weddell Prize," to be awarded annually to the student submitting the best essay upon the general subject of the promotion of peace among the nations of the world..... 5,000.00

\$19,019.00

MEDICAL SCHOOL, HOSPITAL, AND PHARMACY FUNDS:

Board of Lady Managers Hospital Fund:

Gift of the Board of Lady Managers of The George Washington University Hospital, in 1925, to establish a fund, the income to be used for the support of the Hospital..... \$1,000.00

Borden Fund:

A fund created December 8, 1932 by Dr. and Mrs. William C. Borden for the advancement of Surgery in The School of Medicine..... 1,100.00

Chapman Hospital Fund:

Bequest of Mrs. Susanna A. Chapman, of Washington, D. C., in 1911, to The George Washington University, to be used for the purposes of the free wards of the University Hospital. . . . \$1,225.90

Cooper Medical Research Fund:

Bequest of Mrs. Eleanor J. Cooper, of Washington, D. C., in 1905, to Columbian University on certain terms since modified by the Supreme Court of D. C., as follows: The income to be devoted toward the establishment and maintenance, in connection with the Medical Department of The George Washington University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases 10,000.00

Gardner Medical School Fund:

Bequest of William D. Gardner, received in 1928; the income to be used for the support of The School of Medicine. . . . 4,486.55

General Hospital Endowment Fund:

Bequest of Dr. I. M. Cassanowicz 100.00

General Medical Endowment Fund:

A fund created February 3, 1932 by an initial gift of Gertrude S. Rosson; principal to remain intact, the income only to be used for the support of The School of Medicine. . . . 300.00

Gibbs Pharmacy Fund:

Gift of M. G. Gibbs, of Washington, D. C., to The George Washington University; the income to be used to aid in establishing and maintaining a commercial pharmacy course in connection with its School of Pharmacy. . . . 10,000.00

Lewis Medical School Fund:

Bequest of Samuel E. Lewis, received in 1925, the income to be used for the support of The School of Medicine. . . . 103,304.15

National Park Seminary Hospital Fund:

Gift of students of National Park Seminary, of Forest Glen, Maryland, in 1906, to The George Washington University, for the endowment of a bed in the University Hospital. . . . 500.00

Reinhardt Hospital Fund:

Bequest of Mrs. Luisa Wynne Reinhardt, of Washington, D. C., in 1922, to the University Hospital, to be used for the benefit of the Hospital, as directed by the Board of Trustees. . . . 500.00

Sharpe Medical School Fund:

Gift of Mary A. Sharpe, Elizabeth M. Sharpe, and Sallie Sharpe, in 1924, to establish a fund in trust, the income to be used exclusively for the School of Medicine. (Principal of fund held in trust for investment by the National Savings and Trust Co.) 8,000.00

Tree Hospital Fund:

Bequest of Lambert M. Tree, of Chicago, Illinois, in 1911, in memory of his mother, Mrs. Laura M. Tree, to Columbian University, for the purpose of establishing one or more beds in perpetuity in the University Hospital to be known as the "Laura M. Tree bed or beds"..... \$10,000.00

Woodbury Hospital Fund:

Bequest of Miss Allen deQ. Woodbury, of Washington, D. C., in 1909, to The George Washington University, for the reception and treatment of female patients in the hospital belonging to or connected with The University..... 10,000.00

\$160,516.60

FUND FOR PHYSICAL DEVELOPMENT:

The Richard E. Pairo Fund—Athletics:

A fund created by the late Richard E. Pairo of Washington, D. C., by devise to The George Washington University, "for the use and benefit of Athletics of The University either by using the principal for the purchase of a Campus or the building and equipping of a Gymnasium, or investing the principal and devoting the income therefrom in promoting the Athletic Sports of The University, as the trustees and faculty of The University may deem wisest and best"..... \$306,117 71

The Graduate Endowment Fund:

This fund started by the Class of 1926 with the object of providing endowment to be used for the acquisition of sites, erection of buildings and maintenance and purchase of equipment. Fund under control of Board of Administrators..... 6,500.57

TOTAL GENERAL ENDOWMENT FUNDS—EXHIBIT "A"..... \$2,249,428 89

SCHEDULE No. 30

EXECUTORY TRUST FUNDS

As at August 31, 1935

Non-permanent funds, principal and income usable for the purposes specified by the donors, each trust terminating on its execution.

EXECUTORY TRUST FUNDS NOT CONFINED TO BUILDING PURPOSES:

Administrative Reserve Fund:

A fund created by order of the President of The University to be drawn upon to meet the administrative emergencies. . . . \$919 35

Depew Oratory Fund:

Semi-Annual contribution of Mrs. Chauncey M. Depew to be used for salaries and other expenses in the Department of Public Speaking for the year 1935-36 3,000 00

Donnally Research Fund:

Gift of the National Academy of Sciences to defray expense of Dr. Harry H. Donnally in conducting medical research. . . .	\$700.00
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Duplicating Bureau Depreciation Fund:

A fund created by the setting aside of cash receipts of the Duplicating Bureau for the purpose of replacing wornout equipment.	1,021.37
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Engineering Club Room Fund:

A fund created to equip and maintain a club room for the use of students in the Engineering Department.	161.23
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Freda Kuhlbank Hospital Fund:

Bequest of the late Freda Kuhlbank to The George Washington University Hospital for a bed or beds in the White Ward to be known as the "Freda Kuhlbank Bed." The income of this bequest to be added to the principal of the fund until the principal shall be sufficient to produce an income large enough to maintain a bed in the White Ward of The George Washington University Hospital.	750.61
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Annie Kimmel Hospital Fund:

A fund created March 4, 1932 by bequest of the late Annie Kimmel to The George Washington University "for the benefit of its hospital".	2,628.05
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Law Library Fund:

A fund established March 24, 1932 by consolidation of the Lafayette Memorial Fund and the Maury Memorial Fund. Principal and income to be used for the benefit of the Law School Library.	677.59
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Pharmacy Loan Fund:

A fund created February 28, 1933 by the W.O.N.A.R.D. to be loaned to students of The School of Pharmacy for payment of tuition in The University.	153.77
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Plumbing and Heating Institute Fund:

A fund created by sundry persons interested in the plumbing and heating trade to establish an Institute to afford a course of lectures in plumbing and heating.	310.71
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Reserve for Protection of Consolidated and Executory Trust Funds Investments.	12,900.71
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Reserve for the Protection of Scottish Rite Fund Investments.	12,329.50
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Reserve for the Reduction of the Liability of General Funds to Endowment Funds Principal.	15,350.51
(See General Funds.)	

Hattie M. Strong Dormitory Fund:

Initial payment by Mrs. Hattie M. Strong to be used in the construction of a girls' dormitory.	25,000.00
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TRUST ACCOUNTS

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Student Loan Fund:

A fund to total \$10,000 created by The George Washington University for the purpose of making short time loans to students for educational purposes. \$6,203.00

Student Union Furnishings Fund:

A fund created by various contributions during the second semester of the 1930-31 year for the purpose of furnishing and equipping a Student Union Building. 1,439.67

Swisher Book Fund:

A fund contributed by various donors to be used for the purchase of books on History for the Arts and Sciences Library. 18.79

\$83,564.86

BUILDING FUNDS:

Class of 1929 Women's Unit No. 3 Fund:

Gifts from the women members of the Class of 1929 to be used in aid of the building of Unit No. 3. \$293.35

General Building Fund:

An open subscription fund to be continued and increased indefinitely. Principal and income to be used for purchasing sites, buildings, equipment, remodeling or rebuilding and paying off obligations. Fund authorized by the Trustees of The University May 31, 1916. 134.16

Unit No. 3 Fund:

Gifts from various persons to aid in the financing of the third unit of the building program. 13,776.44

\$14,203.95

TOTAL EXECUTORY TRUST FUNDS—EXHIBIT "A" \$97,768.81

REPORT OF THE COMPTROLLER

SUMMARY OF TRUST FUNDS

As at August 31, 1935

Endowment Funds:

General Endowment Funds	\$449,554.16
Scottish Rite Endowment Fund	800,000.00
Professorship Endowment Funds	127,200.63

Specific Endowment Funds:

Scholarship Funds	380,520.22
Prize Funds	19,019.00
Medical School, Hospital and Pharmacy Funds	160,516.60
Pairo Fund—Athletics	306,117.71
The Graduate Endowment Fund	6,500.57

Total—Exhibit "A" \$2,249,428.89

Executory Trust Funds:

Funds Not Confined to Building Purposes	\$83,564.86
Building Funds	14,203.95

Total—Exhibit "A" \$97,768.81

TOTAL ALL FUNDS \$2,347,197.70

TRUST ACCOUNTS

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TRUST FUND INVESTMENTS

SCHEDULE No. 31

GENERAL ENDOWMENT FUNDS INVESTMENTS

As at August 31, 1935

Consolidated Endowment Funds Investments:

STOCKS

	Book Value
American Telephone and Telegraph Co.	
11 shares of Common Stock.....	\$ 1,337.80
Atchison, Topeka and Santa Fe Railroad Co.	
10 shares of 5% Non-Cumulative Preferred Stock.....	950.00
Capital Transit Co.	
27 shares of Capital Stock.....	2,835.00
*Chicago, Rock Island and Pacific Railway Co.	
10 shares of 7% Cumulative Preferred Stock.....	4,000.00
*Chicago, Rock Island and Pacific Railway Co.	
100 shares of Common Stock.....	8,094.72
Mergenthaler Linotype Co.	
6 shares of Capital Stock.....	588.00
National City Bank of New York	
39 shares of Capital Stock.....	3,517.04
Potomac Electric Power Co.	
2 shares of 6% Cumulative Preferred Stock.....	214.25
Timken-Detroit Axle Co.	
6 shares of 7% Cumulative Preferred Stock.....	570.00
	<hr/>
	\$22,106.81

BONDS

	Book Value
American Telephone and Telegraph Co.	
\$1,000 5% Collateral Trust Bonds, due 1946.....	\$ 1,011.46
Armstrong Cork Co.	
\$10,000 5% Convertible Gold Debentures due 1940.....	10,300.85
Canadian Pacific Railway Co.	
\$5,000 5% Collateral Trust Gold Bonds, due 1954.....	5,000.00
Capital Transit Co.	
\$4,000 5% First Mortgage Gold Coupon Bonds due 1947.....	3,940.00
Central Pacific Railway Co.	
\$2,000 4% Through Short Line First Gold Bonds due 1954.....	1,965.25
Chesapeake and Ohio Railroad Co.	
\$15,000 4½% Refunding and Improvement Mortgage Bonds Series "A", due 1993.....	14,250.00
Cleveland Union Terminal Co.	
\$5,000 5% First Mortgage Sinking Fund Bonds Series "B", due 1973.....	5,267.76

*Last dividend paid July 1, 1931. Company in process of reorganization.

Grand Trunk Western Railway Co.	
\$6,000 4% First Mortgage Gold Bonds, due 1930	\$5,475.00
Liggett and Myers Tobacco Co.	
\$12,000 5% Gold Debentures due 1951	14,054.44
National Steel Corporation	
\$15,000 5% First Collateral Sinking Fund Gold Bonds due 1936 (Bonds called @105)	15,750.00
New York Steam Corporation	
\$1,000 6% First Mortgage Gold Bonds, Series "A" due 1947	1,025.20
Pacific Gas and Electric Co.	
\$15,000 4½% First and Refunding Mortgage Bonds Series "F", due 1960	14,700.00
Pennsylvania Water and Power Co.	
\$15,000 4½% First Refunding Gold Bonds "B" due 1968	16,129.60
Philadelphia Electric Co.	
\$2,000 4% First and Refunding Mortgage Bonds due 1971	1,870.00
Potomac Electric Power Co.	
\$16,000 5% Consolidated Mortgage Gold Bonds due 1936	16,000.00
Southern Bell Telephone and Telegraph Co.	
\$30,000 5% First Mortgage Sinking Fund Gold Bonds, due 1941	29,925.00
Southern California Edison Co.	
\$8,000 5% Refunding Gold Bonds, due 1952	8,410.30
\$6,500 5% Refunding Gold Bonds, due 1954	6,223.75
Southwestern Bell Telephone Co.	
\$7,000 5% First and Refunding Mortgage Gold Bonds, Series "A"; due 1954	7,581.07
State of Minnesota	
\$1,000 4% City of Minneapolis Bridge Bonds, due 1939	990.30
Union Pacific Railroad Co.	
\$1,000 4% First Mortgage Railroad and Land Grant Gold Bonds, due 1947	922.50
United States of America	
\$86,000 3¼% Treasury Bonds of 1943-45	87,839.45
Washington Gas Light Co.	
\$3,000 5% General Mortgage Gold Coupon Bonds due 1960	3,080.96
West Shore Railroad Co.	
\$1,000 4% Guaranteed First Mortgage Gold Bonds, due 1961	838.75

\$272,551.64

TRUST NOTES

Frank Armstrong Notes

Four notes, secured by deed of trust on lot 66, square 1868; interest 6%, due Nov. 10, 1935.... \$ 4,000.00

TRUST ACCOUNTS

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H. L. Breuninger Note

One of a series of 14, secured by deed of trust on lot 23, square 2714; interest 6%, due May 21, 1937.....

\$4,900.00

Interest in \$350,000 note payable to Washington Loan and Trust Co., secured by deed of trust, executed by The University to the National Savings and Trust Company, Trustee, December 1, 1910, on Medical and Hospital Lands and Building, 1335-1339 and 1341 H Street, N. W., without interest; due on or before December 1, 1920.....

323,430.23

Chester A. Snow Notes

Numbers 36, 44, 48, 52, 70, 71, 73, and 74 of 95, secured by deed of trust on Lot 77, square 162; interest 5%, due October 31, 1937.....

8,000.00

\$340,330.23

REAL ESTATE

Congressional Endowment:

Book Value

Lot 818, Square 13.....

\$3,813.50

Lot 12, Square 13.....

3,715.00

Lot 13, Square 13.....

3,270.00

Lot 9, Square 16.....

2,594.20

Lot 5, Square 87.....

3,532.00

21,924.70

Interest of 5-22 in lots 4, 22, 23 and 53, square 199, formerly the Charles H. Butler Notes. Notes in default and property now managed by the Washington Loan and Trust Co. Part of a total loan of \$110,000.....

24,250.00

46,174.70

MISCELLANEOUS

Certificate of Deposit

Washington Loan and Trust Co.....

150.00

\$681,313.38

INVESTMENTS OF SEPARATELY INVESTED FUNDS
SCOTTISH RITE ENDOWMENT FUND INVESTMENTS

BONDS

Book Value

American Telephone and Telegraph Co.

\$1,000 5½% Sinking Fund Gold Debenture

Bonds, due 1943.....

\$1,033.33

\$5,000 5% Collateral Trust Bonds, due 1946.....

5,412.50

Bangor and Aroostock Railroad Co.

\$10,000 5% First Mortgage Gold Bonds, due 1943.....

10,503.12

Bangor Hydroelectric Co.	
\$1,000 4½% First lien and Refunding Mortgage Bonds due 1960	\$1,064.90
Brooklyn Edison Co.	
\$20,000 5% General Mortgage Gold Bonds, Series "A", due 1949	20,928.57
Buffalo Creek Railroad Co.	
\$15,000 5% First Mortgage Bonds, due 1941	15,281.25
Buffalo General Electric Co.	
\$10,000 4½% General and Refunding Gold Bonds, Series "B", due 1981	10,550.27
Canadian Pacific Railway Co.	
\$15,000 5% Collateral Trust Gold Bonds, due 1954	15,000.00
Central Maine Power Co.	
\$12,000 4½% First and General Mortgage Gold Bonds "E" due 1957	12,101.44
Central Pacific Railway Co.	
\$13,000 4% Through Short Line First Gold Bonds due 1954	12,457.50
Cincinnati Gas and Electric Co.	
\$5,000 4% First Mortgage Gold Bonds, due 1968	4,968.75
Cleveland Union Terminal Co.	
\$25,000 4½% First Mortgage Sinking Fund Gold Bonds, due 1977	24,437.50
Connecticut Light and Power Co.	
\$5,000 4½% First Refunding Gold Bonds, Series "C", due 1956	5,279.76
Consolidated Gas, Electric Light and Power Co. of Baltimore	
\$10,000 4¾% First Refunding Mortgage Sinking Fund Gold Bonds, Series "G", due 1969. (Called @105)	9,977.00
Grand Trunk Western Railway Co.	
\$10,000 4% First Mortgage Gold Bonds, due 1950	9,125.00
Houston Lighting and Power Co.	
\$15,000 4½% First Lien and Refunding Gold Bonds, Series "D", due 1978	14,325.00
Inland Steel Company	
\$6,000 4½% First Mortgage Sinking Fund Gold Bonds; Series "A", due 1978	5,700.00
Kansas Gas & Electric Co.	
\$5,000 4½% First Mortgage Gold Bonds due 1980	5,158.89
Kingdom of Norway	
\$5,000 5% Sinking Fund External Loan Gold Bonds, due 1963	4,862.50
Lexington and Eastern Railway Co.	
\$11,000 5% First Mortgage Gold Bonds due 1965	12,595.00
Liggett & Myers Tobacco Co.	
\$3,000 5% Gold Debentures due 1951	3,513.28

TRUST ACCOUNTS

53

Metropolitan Edison Co. \$15,000 4% First Mortgage Gold Bonds, Series "E" due 1971	\$11,712.50
Mississippi River Power Co. \$12,000 5% First Mortgage Gold Bonds due 1951	12,816.00
Narragansett Electric Co. \$9,000 5% First Mortgage Gold Bonds, Series "B" due 1957	9,300.68
National Steel Corporation \$12,000 5% First Collateral Sinking Fund Gold Bonds due 1956 (Bonds called @105)	12,600.00
Nebraska Power Co. \$3,000 4½% First Mortgage Gold Bonds due 1981	3,256.79
New England Telephone and Telegraph Co. \$15,000 5% First Mortgage Gold Bonds, Series "A" due 1952	16,611.76
Oregon-Washington Railroad and Navigation Co. \$8,000 4% First and Refunding Gold Bonds, due 1961	7,944.40
Pennsylvania Power and Light Co. \$15,000 4½% First Mortgage Gold Bonds due 1981	14,475.00
Philadelphia Electric Co. \$3,000 4% First and Refunding Mortgage Bonds, due 1971	2,805.00
Port of New York Authority \$14,000 4¼% Gold Bonds, due 1958	14,066.96
Portland General Electric Co. \$10,000 4½% First and Refunding Mortgage Gold Bonds, due 1960	9,050.00
Public Service Electric and Gas Co. \$35,000 4½% First and Refunding Mortgage Gold Bonds, due 1970	33,337.50
Railway Express Agency Inc. \$15,000 5% Gold Bonds; Series "A", 10M due 1947, 5M due 1948	14,965.50
Shawinigan Water and Power Co. \$5,000 4½% First Mortgage and Collateral Trust Sinking Fund Gold Bonds, Series "A", due 1967	3,562.50
\$15,000 4½% First Mortgage and Collateral Trust Sinking Fund Gold Bonds, Series "B", due 1968	12,982.25
\$5,000 4½% First Mortgage and Collateral Trust Sinking Fund Gold Bonds, Series "D", due 1970	3,562.50
Southern California Gas Co. \$8,000 4% Temporary Certificates due 1965	8,120.84
Standard Oil Company of New York \$15,000 4½% Serial Gold Debentures due 1946 (Bonds Called @102)	14,587.50
State of New York \$1,000 5% Loan for Highway Improvement, due 1942	1,095.19
Union Pacific Railroad Co. \$5,000 4% First Mortgage Railroad and Land Grant Gold Bonds, due 1947	5,155.83

Union Pacific Railroad Co.	
\$13,000 4% First Lien and Refunding Gold Bonds, due 2008.....	\$13,223 55
United States of America	
\$283,000 3¼% Treasury Bonds of 1943-45.....	289,053 .05
Virginia Railway Co.	
\$4,000 4½% First Mortgage Gold Bonds "B", due 1962.....	3,985.00
West Penn Power Co.	
\$8,000 5% First Mortgage Gold Bonds, due 1946....	8,637.37
West Shore Railroad Co.	
\$14,000 4% Guaranteed First Mortgage Gold Bonds, due 2361	12,355.00
Western Union Telegraph Co.	
\$10,000 5% Thirty Year Gold Bonds, due 1960..	9,977.00
	<u>\$753,515.23</u>

THOMAS BRADFORD SANDERS FELLOWSHIP FUND
INVESTMENTS

*As shown in report rendered June 26, 1935 by the National
Savings and Trust Co., Trustees*

BONDS

Baltimore and Ohio Railroad Company	
1—\$10,000, 4% First Mortgage Fifty Year Gold, due July 1, 1948—Appraised at 95½.....	\$9,587 .50
Capital Traction Company	
10—\$500, 5% First Mortgage Gold Coupon, due June 1, 1947—Carried at.....	5,187 .50
Federal Land Bank of Houston	
4—\$1,000, 4¼%, Federal Farm Loan, due January 1, 1957—Carried at.....	4,165 .00
Potomac Electric Power Company	
5—\$1,000, 5% Consolidated Mortgage Gold, due July 1, 1936—Appraised at 103¾.....	5,187 .50
United States of America	
1—\$1,000, 4¼% Fourth Liberty Loan, due October 15, 1938—Appraised at 103.34.....	1,033 .40
United States of America	
1—\$500, 3½% Treasury, due June 15, 1949 Carried at.....	486 .00
3—\$1,000 and 1—\$100, 4¼% Treasury to October 15, 1934, 3¼% thereafter due October 15, 1945 Carried at.....	3,203 .54
1—\$1,000, 3¼% Treasury, due April 15, 1946 Carried at.....	1,033 .40
1—\$1,000, 1—\$500 and 4—\$100, 3% Treasury due June 15, 1948—Carried at.....	1,915 .66
	<u>\$31,799 .50</u>

TRUST ACCOUNTS

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STOCKS

United States Steel Corporation	
280 shares, Common, Par \$100, Appraised at 152- $\frac{1}{4}$	\$42,595.00
100 shares, Preferred, Par \$100, Appraised at 145- $\frac{3}{4}$	14,537.50
Washington Railway and Electric Company	
100 shares, Preferred, Par \$100, Appraised at 102- $\frac{1}{4}$	10,212.50
	<hr/> \$67,345.00

NOTES

Robert F. Allensworth,
dated November 22, 1926, extended to November 22, 1934, with interest at 6 $\frac{1}{4}$ %, payable semiannually, secured on Lot 168, Square 628, premises 2-10 F Street, N. W. \$10,000.00

Woodson P. Houghton,
dated March 26, 1927, extended to March 26, 1936, with interest at 6%, payable semiannually, secured on Lots 3, 169, 800, 801, and 802, Square 70, premises 1201-15 22nd Street, N. W. Part of a total loan of \$40,000 14,000.00

Martinique Hotel Company,
dated October 2, 1925, extended to October 2, 1934, with interest at 6%, payable semiannually, secured on Lot 175, Square 70, premises 2100 N Street, N. W., Part of a total loan of \$60,000 10,200.00

Harry A. Miller,
dated November 5, 1927, payable November 5, 1932, with interest at 6%, payable semiannually, secured on Lots 2, 28, 29, 30, 31, and 32, Square 163, premises 1018-1032 Connecticut Avenue, N. W. 5,000.00

Philip Milatone,
dated September 12, 1929, extended to September 12, 1935, with interest at 6%, payable semiannually, secured on Lots 8, 806 and 807 Square 378, premises 935-7 D Street, N. W. and Lot 808, Square 378, premises 409 10th Street, N. W., Part of a total loan of \$115,000 40,000.00

Harriette B. Stuart,
dated March 31, 1925, extended to on or before March 31, 1933, with interest at 6%, payable semiannually, secured on Lot 32, Square 2572, premises 1656 Euclid Street, N. W., Part of a total loan of \$21,000 600.00

\$79,800 00

The following notes were issued through the office of Swartzell, Rheem and Hensley Company and are carried herein at value of \$1.00 each:

Rose G. Casey	
\$18,500, dated November 7, 1925, 5 years, 6½%, semiannually, purporting to be secured by deed of trust on Lots 9 and 10, Square 2672—Carried herein at	\$1.00
Robert E. Doleman	
\$16,100, dated May 16, 1927, 3 years, 6%, semiannually, purporting to be secured by deed of trust on Part Lots 13 and 14, Square 919—Carried herein at	1.00
Brice G. Payne	
\$9,300 dated June 30, 1925, 5 years, 6½%, semiannually, purporting to be secured by deed of trust on Part Lots 14 and 15, Square 2528—Carried herein at	1.00
Alton W. Peters	
\$7,000, dated August 4, 1927, 3 years, 6%, semiannually, purporting to be secured by deed of trust on Lots S. T, U, V, and W, Square 755—Carried herein at	1.00
Howard A. Schladt	
\$3,000, dated July 30, 1927, 3 years, 6%, semiannually, purporting to be secured by deed of trust on Lot 4, Square 2138—Carried herein at	1.00
David L. Stern	
\$9,000, dated January 30, 1928, 3 years, 6%, semiannually, purporting to be secured by deed of trust on Lot 24, Square 1972—Carried herein at	1.00
Hugh Woods	
\$3,000, dated April 25, 1927, 3 years, 6%, semiannually purporting to be secured by deed of trust on Lot 119, Square 375—Carried herein at	1.00
Jewelry Appraised at	\$7.00 92.00 \$179,043.50

REAL ESTATE (NOT APPRAISED)

- Washington, D. C.
 Lot 808, Square 335, improved in part by premises No. 1731 11th Street, N. W.
 Lot 813, Square 68, improved in part by premises No. 2144 P Street, N. W.
 Lot 817, Square 104, unimproved lot between 526 and 530 20th Street, N. W.
 Maryland
 3 Acres of land on Bennings Road, District No. 2

THE RICHARD E. PAIRO FUND INVESTMENTS

STOCKS

	Book Value
American Security and Trust Company	
20 shares of Capital Stock	\$8,220.00
Bristol-Meyers Co.	
11 shares of Capital Stock	367.00
Canada Packers, Limited	
50 shares of Cumulative Preference Stock	4,912.50
Capital Transit Company	
200 shares of Capital Stock	14,400.00
Chicago, Milwaukee, St. Paul and Pacific Railroad Co.	
100 shares of Common Stock	2,100.00
Columbia Gas and Electric Corporation	
60 shares of Cumulative Preferred Stock "A"	6,592.50
E. I. du Pont de Nemours and Company	
56 shares of Non-voting Debenture Stock	7,252.00
Kansas City Power and Light Company	
50 shares of Preferred Stock "B"	3,120.00
Life Savers Corporation	
5 shares of Capital Stock	107.50
Merchants Transfer and Storage Company	
100 shares of Preferred Stock	10,000.00
Mergenthaler Linotype Company	
150 shares of Capital Stock	15,806.25
The National Bank of Washington	
100 shares of Capital Stock	25,500.00
The Pennroad Corporation	
100 shares of Common Stock	1,300.00
The Riggs National Bank of Washington, D. C.	
114 shares of Capital Stock	60,420.00
Safeway Stores, Incorporated	
60 shares of Common Stock	9,690.00
Sterling Products Co.	
28 shares of Capital Stock	1,596.00
Texas Gulf Sulphur Company	
100 shares of Common Stock	5,912.50
Union Trust Company of the D. of C.	
100 shares of Capital Stock	31,100.00
United Drug, Inc.	
22 shares of Capital Stock	338.25
Vick Chemical, Inc.	
11 shares of Capital Stock	357.50
	\$209,092.00

BONDS

Brooklyn Edison Company	
\$9,000 5% General Mortgage Gold Bonds Series "E", due 1952	\$8,707.50
Chicago, Milwaukee, St. Paul and Pacific R.R. Co.	
\$2,500 5% 50 Year Mortgage Gold Bonds Series "A", due 1975	2,400.00

REPORT OF THE COMPTROLLER

Houston Independent School District		
\$5,000 5% Serial Gold Bonds, due 1952.....	\$5,200.00	
Southern California Edison Company		
\$3,500 5% Refunding Gold Bonds, due 1954.....	3,351.25	
Texas Power and Light Company		
\$5,000 5% First and Refunding Gold Bonds, due 1956.....	4,220.00	
Washington Gas Light Company		
\$1,500 6% 10 Year Mortgage Gold Bonds, Series "B", due 1936.....	1,575.00	
		\$25,453.75
		<u>\$234,545.75</u>

REMAINDERMAN INTEREST

As residuary legatee of the late Richard E. Pairo as created by article eleven (11) of his last will and testament	\$28,000.00
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STOCKS NOT APPRAISED

Alvarez Mining Company	
500 shares of Capital Stock, par value \$1.00.	
The Batopilas Leasing Corporation	
100 shares of Preferred Stock, par value \$10.00.	
The Batopilas Mining Company	
1,188 shares of Capital Stock, par value \$20.00.	
Butte Copper Consolidated Mines	
500 shares of Capital Stock, par value 50c.	
Kruger and Toll Company	
200 American Certificates	
St. Louis-San Francisco Railway Company	
50 shares of Preferred Non-cumulative 6% stock, par value \$100.00.	
Victory Gold Mines, Limited.	
500 shares of Capital Stock, par value \$1.00.	

BONDS NOT APPRAISED

Batopilas Mining Company	
Certificate of Deposit for \$600.00 of 6% Bonds.	

TRUST NOTES NOT APPRAISED

Joseph R. Branson	Balance Due
\$3,000 dated September 18, 1928, due September 18, 1931 interest 6½%, secured by Lot 45, Square 358. Management of property taken over by University to protect its interests	\$3,000.00
Homer B. and Tena B. Butler	
\$1,700 dated July 3, 1934, due July 3, 1937, interest 6%. Secured by Lot 106, Square 3101.....	1,661.59

TRUST ACCOUNTS

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Irene Chapman		
\$4,000 dated December 29, 1925, due December 29, 1931, interest 6% Secured by Lot 827, Square 793		\$4,000.00
Francis B. Davis		
\$2,000 dated October 7, 1924, due October 7, 1933, interest 6½% Secured by Lot 159, Square 1026		2,000.00
Walter Dvson		
\$5,500 dated November 7, 1923, due November 7, 1936, interest 6% Secured by Lot 26, Square 3093		4,520.01
Reverend William Harris		
\$250 dated April 2, 1930, due April 2, 1931, interest 6% Secured by Lot 95, Block 6, "Mount Pleasant"		250.00
\$3,000 dated April 2, 1930, due April 2, 1933, interest 6% Secured by Lot 95, Block 6, "Mount Pleasant." Management of Property taken over by University to protect its interests		3,000.00
George K. C. and Louise A. Hayes		
\$1,499.08 dated February 7, 1929, payable \$100.00 per month on interest and principal, interest 6% Secured by Lot 56, Square 153		783.27
Joseph F. and Mary E. Holland		
\$2,800 dated July 16, 1923, due July 16, 1936, interest 6% Secured by Lot 184, Square 235		2,800.00
Ida Holmes		
\$215.27 dated June 5, 1935 payable \$10.00 monthly. Interest 6% Unsecured note		206.35
Ida H. Lewis		
\$3,200 dated October 15, 1929, due October 15, 1935, interest 6% Secured by lot 131, Square 365		3,000.00
Nannie M. H. Phillips		
\$500 dated December 17, 1929, due December 17, 1936		
\$5,000 dated December 17, 1929, due December 17, 1936, interest 6% Secured by Lot 89, Square 96		5,342.78
M. H. Richmond		
\$11,000 dated January 9, 1925, due January 9, 1936 interest 6½% Secured by Part of Lot 12, Square 55. Principal payable in monthly installments of \$75.00		8,000.00
Robert E. Coleman		
\$5,000 dated November 9, 1926, due November 9, 1936, interest 6½% Secured by Lot 65, Square 3119		4,750.00
Seth A. Schnitman		
\$2,000 dated December 18, 1933, due December 18, 1936 interest 6% Secured by Lot 157, Square 1026		1,900.00
Esa G. Shelby		
\$6,801.12 dated January 21, 1925, due January 21, 1935, interest 6% Secured by Parcel 141-2 "Youngsborough"		1,500.00
Nathan Slavaky		
\$6,000 dated October 4, 1926, due October 4, 1934, interest 6% Secured by Lot 22, Square 958		5,875.61
Arthur Sparrow		
\$4,500 dated October 16, 1928, due October 16, 1937, interest 6½% Secured by Lot 37, Square 511		4,500.00
\$1,011.90 dated April 16, 1931, due in monthly installments of \$25.00 on interest and principal. Interest 6½% Secured by Lot 37, Square 511		685.77

E. B. and H. T. Guss	
\$2,200 dated October 8, 1927, due October 8, 1936.	
\$2,200 dated October 8, 1927, due October 8, 1936, interest 6%.	
Secured by Part of Lot 814, Square 414.....	\$1,346.54
Turner C. Thompson	
No. 11 of 12 for \$200, dated April 1, 1922, due January 1, 1925	
No. 12 of 12 for \$800, dated April 1, 1922, due April 1, 1925.	
Secured by tract in Germantown, Montgomery County, Maryland. Payable in monthly installments of \$15.00 on interest and principal. Interest 6%.....	1,000.00
Lawrence J. Waggaman	
\$5,000 dated June 15, 1925, due June 15, 1937, interest 6%.	
Secured by Lot 17, Square 82.....	5,000.00
Joseph C. Zirkle	
\$282.00 dated September 23, 1926, due in sixty days, interest 6%. Secured by first trust note of Paul Spadacini, dated December 4, 1925, at 6½% on Lot 63, Square 3874.....	265.39

REAL ESTATE NOT APPRAISED

- Lot 94, Square 3102, Premises 50 Randolph Place, N. W. formerly the Peyton C. Nevitt Notes.
- Lot 840, Square 2560, Premises 2443-18th Street, N. W., formerly the Catherine H. Bauer Note.
- Lot 824, Square 2844, Premises 3213-13th Street, N. W., formerly the Lizzie G. Brittain Notes.

THE EMMA K. CARR SCHOLARSHIP FUND INVESTMENTS

STOCKS

	Book Value
Cities Service Company	
59 shares of Common Stock.....	\$975.00
South Branch Valley National Bank	
9 shares of Capital Stock.....	1,980.00
	<u>\$2,955.00</u>

BONDS

Atchison, Topeka and Santa Fe Railroad Co.	
\$2,000 4% General Mortgage 100 Year Gold Bonds, due 1995.....	\$1,970.00
Atlantic Refining Co.	
\$1,000 5% 15 Year Gold Debentures, due 1937.	1,020.00
Bell Telephone Co. of Canada	
\$2,000 5% First Mortgage Gold Bonds, Series "A", due 1955.....	2,100.00
Duquesne Light Co.	
\$2,000 4½% First Mortgage Gold Bonds, due 1967.....	2,080.00
Federal Land Bank	
\$7,100 4% Consolidated Federal Farm Loan due 1946.....	7,079.75

TRUST ACCOUNTS

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Montana Power Co.	
\$1,000 5% First and Refunding Mortgage Sinking Fund Gold Bond, Series "A", due 1943....	\$1,050.00
Pennsylvania Railroad Co.	
\$1,000 4½% Consolidated Mortgage Gold Bond due 1960.....	1,050.00
Southern Pacific Railroad Co.	
\$2,000 4% First Refunding Mortgage Gold Bonds, due 1955.....	1,750.00
United States of America	
\$700 3½% Treasury Bond of 1943-47.....	707.00
\$100 3½% First Liberty Loan Bond of 1932-47.	102.00
\$3,100 3½% Treasury Bonds of 1940-43.....	3,131.00
\$8,600 4½% Treasury Bonds of 1947-52.....	9,546.00
\$1,600 3¼% Treasury Bonds of 1944-46.....	1,600.00
Western Union Telegraph Co.	
\$2,000 5% 25 Year Gold Bonds, due 1951.....	2,060.00
	<hr/>
	\$35,245.75
	<hr/>
	\$38,200.75
	<hr/>

REMAINDERMAN INTEREST

As residuary legatee of the late Emma K. Carr as created by article five (5) of her last will and testament.....	<hr/>
	\$8,000.00
	<hr/>

LEWIS MEDICAL SCHOOL FUND INVESTMENTS

BONDS

	Book Value
Chesapeake and Potomac Telephone Co. of Virginia	
\$1,000 5% First Mortgage 30 Year Sinking Fund Gold Bond, Series "A", due 1943.....	\$1,013.12
Federal Land Bank	
\$1,000 3% Consolidated Federal Farm Loan, due 1945-55.....	985.00
\$1,000 4% Consolidated Federal Farm Loan due 1946.....	1,006.82
	<hr/>
	\$3,004.94

REAL ESTATE

Lewis Properties, 1406-8-10 P Street, and 1416-18 and 1502 14th Street, N. W., Subject to Trust Notes payable in the amount of \$45,000, interest 5½% due October 30, 1936.....	<hr/>
	145,000.00
	<hr/>
	\$148,004.94
	<hr/>

<i>Powell Scholarship Fund Investments</i>	
Powell House, 1707 I Street, N. W., Washington, D. C.	\$30,000.00
<i>Spencer Scholarship Fund Investments</i>	
Spencer Farm, Knox County, Illinois	\$18,135.00
<i>Byron Andrews Memorial Scholarship Fund Investments</i>	
Elmer W. Brandes Note	
Number 3 of 3, secured by deed of trust on Lot 25, Square 1938, interest 5%, due July 16, 1938.	\$3,000.00
Morris Ross Notes	
Numbers 5 and 6 of 8, secured by deed of trust on Lot 24, Square 180; interest 5½%, due April 15, 1937.	2,000.00
Notes held in trust by the American Security and Trust Company, Trustee of the fund	\$5,000.00
<i>Elma Lewis Harvey Scholarship Fund Investments</i>	
Pauline V. Beyer Note	
Number 6 of a series of 66, secured by Lot B and Alley H, Square 376; interest 5½%, due December 17, 1931. Note continued overdue with consent of The Washington Loan and Trust Co., Trustees of the fund	\$5,000.00
<i>Sharpe Medical School Fund Investments</i>	
John F. Burns Note	
Secured by deed of trust on lots 50, 51, 52, and 53, Square 8, "Washington Heights"; interest 6%, due October 2, 1935. Held in trust by National Savings and Trust Co., Trustee	\$8,000.00
TOTAL GENERAL ENDOWMENT FUNDS INVESTMENTS—EXHIBIT "A"	\$2,136,758.55

SCHEDULE No. 32

EXECUTORY TRUST FUNDS INVESTMENTS

As at August 31, 1935

BONDS	Book Value
Commonwealth of Australia	
\$12,000 5% External Loan, due 1957.	\$11,775.00
Fruit Growers Express Co.	
\$10,000 4¼% Equipment Trust; Series "H", due 1943.	9,325.00
Pennsylvania Company	
\$10,000 4¾% Secured Gold Bonds, due 1963.	9,875.00
Potomac Electric Power Co.	
\$2,000 5% Consolidated Mortgage Gold Bonds, due 1936.	2,028.75
United States of America	
\$3,000 3¼% Treasury Bonds of 1943-45.	3,064.17
	\$36,067.92

TRUST ACCOUNTS

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TRUST NOTES

Fidelity Storage Company Notes

Numbers 1, 15, 22, 23, 28, 33, 34, 35, 48, and 55 of 63, secured
by deed of trust on Lot 58, Square 205; interest $5\frac{1}{2}\%$, due
June 24, 1938.....

\$14,500.00

TOTAL EXECUTORY TRUST FUNDS INVESTMENTS—EXHIBIT "A".....

\$50,567.92

REPORT OF THE COMPTROLLER

SUMMARY OF TRUST FUNDS INVESTMENTS AND UNINVESTED CASH

August 31, 1935

General Endowment Funds	Stocks	Bonds	Trust Notes	Real Estate	Certificate of Deposit	Jewelry	Remainderman interest	Cash	Total
Consolidated Endowment Funds	\$22,106.81	\$272,551.64	\$340,130.23	\$46,174.70	\$150.00			\$54,841.42	\$756,154.80
Scottish Rite Endowment Fund		753,515.23						46,484.77	800,000.00
Thomas Bradford Sanders Fellowship Fund									
Richard E. Fatio Fund	67,345.00	31,799.50	79,807.00			\$92.00	\$28,000.00	283.80	179,127.30
Emma K. Carr Scholarship Fund	209,092.00	25,453.75					8,000.00	43,571.96	308,117.71
Lewis Medical School Fund	2,955.00	35,245.75		100,000.00				12,189.18	58,389.93
Powell Scholarship Fund		3,004.94		30,000.00				299.21	103,304.15
Spencer Scholarship Fund				18,135.00					30,000.00
Byron Andrews Memorial Scholarship Fund			5,000.00						5,000.00
Elma Lewis Harvey Scholarship Fund			5,000.00						5,000.00
Sharpe Medical School Fund			8,000.00						8,000.00
	\$301,498.81	\$1,121,570.81	\$438,137.23	\$104,309.70	\$150.00	\$92.00	\$36,000.00	\$157,670.34	\$2,249,438.89
TOTAL EXHIBIT "A".....									
EXECUTORY TRUST FUNDS--									
EXHIBIT "A".....		30,067.02	14,500.00					47,200.89	97,768.81
TOTAL ALL FUNDS.....	\$301,498.81	\$1,157,638.23	\$452,637.23	\$104,309.70	\$150.00	\$92.00	\$36,000.00	\$204,871.23	\$2,347,197.70



REPORT OF THE COMPTROLLER

GENERAL ENDOWMENT AND EXECUTORY TRUST FUNDS
INCOME AND EXPENSE
For the Year Ended August 31, 1935

FUND	INCOME		EXPENSE					UNEX- PENDED INCOME	
	Unexpended Income Aug. 31 1934	Income For the Year	Trans- ferred to General Funds	Added to Principal	Trans- ferred to Schools Income	Prizes and Scholarships	Trans- ferred to Hospital Income		Real Estate Expense	Balance Aug. 31, 1935
Corcoran Fund.....		\$783.58	\$783.58						
Alumni Endowment Fund.....		13.65	13.65						
1923-24 Campaign Fund.....		4,698.65	4,698.65						
George N. Ackler Fund.....		7.50	7.50						
Trustees' Fund.....		25.10	25.10						
Emma K. Carr Fund.....	\$2,109.60	1,918.60				\$1,920.00			\$2,308.20
Congressional Professorship Fund.....		492.84	492.84						
Alumni Professorship Fund.....		110.20			\$110.20				
Elton Professorship Fund.....		20.88	20.88						
Mitchell Carroll Professorship Fund.....	9.97	12.59							22.56
Nancy Fulee Endowment Fund.....	1,148.23	125.90							1,271.13
Art and Archaeology Fund.....	58.88	25.19							84.07
Scottish Rite Endowment Fund.....		23,653.53			23,653.53				
Thomas Bradford Sanders Fellow- ship Fund.....									
Isabella O. King Memorial Fund.....	2,015.79	6,346.96			6,344.00				2,018.75
Kirbyington Scholarship Fund.....	15,693.61	1,000.39				60.00			16,694.02
Kendall Scholarship Fund.....	60.71	9.54							10.25
Davis Scholarship Fund.....	1,738.37	113.35							1,851.72
Founders of Columbian Women Scholarship Fund.....	81.35	1.00							12.35
Ellen M. E. Woodhull Scholarship Fund.....	53.36	125.90				52.36			125.90
The Lillian Young Herron Scholar- ship Fund.....	36.03	15.11				25.00			26.14
David Spencer Scholarship Fund.....	99.73	125.90				99.73			125.90
Byron Andrews Memorial Scholar- ship Fund.....	32.43								32.43
Powell Scholarship Fund.....	570.42	261.25				200.00			631.67
Mary L. Stone Scholarship Fund.....	1,221.21	1,825.91						\$1,623.75	1,423.37
Nellie Maynard Knapp Scholarship Fund.....	231.39					80.00			151.39
Elma Lewis Harvey Scholarship Fund.....	99.73	125.90				99.73			125.90
Elizabeth V. Brown Scholarship Fund.....	838.91	130.62				200.00			769.53
College Women's Scholarship Fund.....	23.93	30.22				23.93			30.22
Hope Lodge No. 20 Scholarship Fund.....	9.97	12.59				9.97			12.59
Wenzel Scholarship Fund.....	16.00					264.00			16.00

TRUST ACCOUNTS

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arship Fund.....	18 01	90 00			115 03
Davis Prize Fund.....	47 02	30 00			171 99
Fitch Prize Fund.....	184 39	40 00			500 41
Walsh Prize Fund.....	340 47				53 02
Cutter Prize Fund.....	40 30	40 00			178 53
Goddard Prize Fund.....	31 34	25 00			178 93
Hubbard Prize Fund.....	138 48	25 00			208 39
Ordronaux Prize Fund.....	91 20	40 00			180 51
Weddell Prize Fund.....	208 25	200 00			123 44
Stearrett Prize Fund.....	56 54				28 16*
Larner Prize Fund.....	114 60	56 35			1 590 98
Cooper Medical Research Fund.....	13 26*				4 035 50
Sharpe Medical School Fund.....	1 330 08				144 09
Lewis Medical School Fund.....	231 09				60 49
Gardner Medical School Fund.....	6 340 54				194 77
General Medical Endowment Fund.....	113 00				251 90
Boston Fund.....	7 56				30 82
National Park Seminary Hospital Fund.....	39 42				351 00
Woodbury Hospital Endowment Fund.....	182 18				18 59
Chapman Hospital Endowment Fund.....	199 46				2 532
Tree Hospital Endowment Fund.....	24 45				65 89
Reinhardt Hospital Fund.....	199 46				
Board of Lady Managers Hospital Fund.....	0 07				
General Hospital Endowment Fund.....	19 95				
Gilbs Pharmacy Fund.....	1 00				
Richard E. Fairo Fund.....					
Gratuities Endowment Fund.....					
Sweater Book Fund.....					
Engineering Club Room Fund.....					
Reserve for the Protection of Confidential and Executive Trust Funds Investments.....					
Law Library Fund.....					
Freda Kuhlbank Hospital Fund.....					
Annie Kimmel Hospital Fund.....					
Class of 1929 Women's Unit No. 3 Fund.....					
General Building Fund.....					
Unit No. 1 Fund.....					
Administrative Reserve Fund.....					
Duplicating Bureau Depreciation Fund.....					
Reserve for the Protection of Scottish Rite Investments.....					
Reserve for the Reduction of the Liability of General Funds to Endowment Funds Principal.....					

* Indicates Overdraft.

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FOURTH DIVISION
SELF-SUPPORTING DEPARTMENTS
FOR THE YEAR ENDED
AUGUST 31, 1935

REPORT OF THE COMPTROLLER

SCHEDULE No. 34
 THE GEORGE WASHINGTON UNIVERSITY
 FOURTH DIVISION—BALANCE SHEET
 August 31, 1935

Assets

Current:

Cash on Deposit	\$7,430.07
Duplicating Bureau Depreciation Fund	1,021.37

Inventories:

University Store	15,485.36
Medical School Store	7,359.12
Duplicating Bureau	208.95

\$31,504.87

Fixed:

Equipment—Duplicating Bureau	1,200.00
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\$32,704.87*Liabilities and Surplus*

Liability of the Duplicating Bureau to The University .	\$1,468.31
Liability of the University Stores to The University	5,696.62

\$7,164.93

Surplus:

Balance, August 31, 1934	\$19,991.03
Add Income for Year—Schedule No. 35	5,239.89
Increase in Duplicating Bureau Depreciation Fund	721.37

\$25,952.29

Deduct for adjustment of Reserve for Depreciation Duplicating Bureau Equipment	412.35
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25,539.94\$32,704.87

FOURTH DIVISION

71

Schedule No. 35
 THE GEORGE WASHINGTON UNIVERSITY
 FOURTH DIVISION—INCOME AND EXPENSE
 For the Year Ended August 31, 1935

University Stores

Income from Sales.....	\$35,204.16	
Deduct Cost of Sales:		
Inventory, August 31, 1934.....	\$22,075.26	
Purchases.....	<u>29,026.94</u>	
	\$51,102.20	
Inventory, August 31, 1935.....	<u>22,844.48</u>	
Cost of Sales.....	28,257.72	
Gross Profit on Sales.....	\$6,946.44	
Deduct Salaries.....	<u>3,745.00</u>	
Net Income.....		\$3,201.44

Duplicating Bureau

Income from Sales.....	\$3,505.39	
Deduct Cost of Sales:		
Supplies Inventory, August 31, 1934.....	\$396.16	
Supplies Purchased.....	<u>1,135.06</u>	
	\$1,531.22	
Supplies Inventory, August 31, 1935.....	<u>208.95</u>	
Cost of Supplies Used.....	\$1,322.27	
Salaries.....	990.00	
Repairs to Equipment.....	70.30	
Depreciation.....	<u>500.00</u>	
Cost of Sales.....	2,882.57	
Net Income.....		\$622.82

Hospital Services

Income from Collections.....	\$14,402.53	
Payments.....	<u>12,986.90</u>	
		1,415.63
Net Income to Fourth Division Surplus—Schedule No. 34.....		<u>\$5,239.89</u>

THE GEORGE WASHINGTON UNIVERSITY
REPORT OF THE COMPTROLLER
For the Year Ended August 31, 1935

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THE SCHOOL OF
GOVERNMENT
OF
THE GEORGE WASHINGTON
UNIVERSITY

PUBLIC AFFAIRS
FOREIGN SERVICE
FOREIGN COMMERCE
PUBLIC ADMINISTRATION
BUSINESS ADMINISTRATION
PUBLIC FINANCE
PUBLIC ACCOUNTING

WASHINGTON, D.C

1935

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Letter of the
Certificate of
Exhibit "A"
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"D"
Schedule No.

Cover by J. HIMMELHEBER ©

Illustrations by J. HIMMELHEBER and V. GERTRUDE FLETCHER

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The Board of Trustees

THE PRESIDENT OF THE UNIVERSITY, *en officio*

1935

AVERY DELANO ANDREWS, LL.B.
CLARENCE AIKEN ASPINWALL
MRS. JOSHUA EVANS, JR., A.B., Ed.D.
WILLIAM JAMES FLATHER
ABRAM LISNER, A.M.
CHARLES RIBORG MANN, Ph.D., Sc.D.
WALTER RUPERT TUCKERMAN, A.B., LL.B.

1936

KARL WILLIAM CORBY, B.S.
HARRY CASSELL DAVIS, A.M., L.H.D.
GEORGE EDGAR FLEMING, LL.M.
CHARLES WILLIAM GERSTENBERG, LL.B.
ULYSSES S. GRANT, 3d
GILBERT GROSVENOR, A.M., LL.D., Litt.D.
ALFRED HENRY LAWSON, LL.B.
THEODORE WILLIAMS NOYES, A.M., LL.M., LL.D.
LUTHER HALSEY REICHELDERFER, M.D., LL.D.

1937

BENNETT CHAMP CLARK, A.B., LL.B.
JOHN HENRY COWLES
ROBERT VEDDER FLEMING
JULIUS GARFINCKEL
CHARLES CARROLL GLOVER, JR., A.M., LL.B.
STEPHEN ELLIOTT KRAMER, A.M., Ed.D.
ARTHUR PETER, LL.B.
MRS. HENRY ALVAH STRONG
MERLE THORPE, A.B.
ALFRED ADAMS WHEAT, A.B., LL.B., LL.D.

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REPLICA OF THE HOUDON
STATUE OF WASHINGTON
IN THE UNIVERSITY YARD

Preface

LET us not delude ourselves with the belief that we can ever have better government than that which grows out of the ideals held by our people for the direction of the State. The nature of these ideals will depend upon the qualities of our emotions and the character of our understandings. We must, then, to be complete citizens, not only know about governmental forms and practices, but understand the human aspirations that they seek to liberate and the services that they attempt to encourage.

We have approached the formulation of our work in the School of Government with this understanding. In our courses, governmental forms and procedures are studied as facilitating agencies. Historical backgrounds are considered, that experience may add its part to understanding. Social psychology is included to explain why we act as we do. And "in service" training brings a professional feeling for the studies undertaken. Today social or governmental studies must be more or less complex. We know more in a scientific way about governmental activity. And the questions growing out of human relationship are more numerous and more involved.

Letter of the
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Even as periods of transition bring out weaknesses in government which demand the attention of the people, so the present period of stress has set a large number of citizens to thinking about the problems of government. These are not new problems; they are the problems that arise in maintaining the fundamentals of civil liberty, or self-government. We have been studying them now for more than three hundred years. We have been learning; we learn something every day about how to govern ourselves. During certain periods we think too little about government, and during others our activities in governmental control carry us too far. Out of the examination for the reasons of such social vacillation one thing is clear. In a form of government such as ours a fundamental understanding of its procedures and objectives is needed at all times. And further, it is evident that leaders are needed in every community, however small, that our citizens may turn to them for enlightened direction. Dedicated to these ends is the work of our School of Government.

CLOYD H. MARVIN
President of the University

The School of Government

THE School of Government, a unit of The George Washington University, in the city of Washington, offers curricula in seven fields: Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting.

These curricula have been organized after a study of the range of services offered by the Government and of abilities expected of those working in governmental positions. For four or more years, in cooperation with governmental departments and the American Council on Education, this University has been working on several hundred analyses of factual requirements and of aptitudes for governmental positions. These requirements and aptitudes have been analyzed, correlated, and translated into the courses of study herewith presented.

For three specimens of these analyses, or "records of usage", see pages 38-45.



UNIVERSITY BUILDINGS

History of the School

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THE School of Government is a member of one of the oldest institutions of higher learning in the United States. The University itself has emphasized from the beginning the governmental aspect of education, carrying out the idea of George Washington, who envisioned an institution of learning in the capital of the new nation in which the dissemination of "knowledge in the principles of Politics & good Government" was to have an important place. The patronage of John Quincy Adams, William H. Crawford, John C. Calhoun, William Wirt, and others prominent in national life further fostered the idea of the function of the University in relation to government.

The School of Government was established in 1898 as "The School of Comparative Jurisprudence and Diplomacy". The Faculty consisted of Benaiah L. Whitman, President; Charles W. Needham, Dean; John M. Harlan and David J. Brewer, Associate Justices of the Supreme Court of the United States; John W. Foster, former Secretary of State; David J. Hill, Assistant Secretary of State; William Wirt Howe, of the New Orleans Bar; Lyman J. Gage,

Secretary of the Treasury; William P. Wilson, Director of the Philadelphia Commercial Museum; J. L. M. Curry, sometime Minister to Spain; Joseph F. Johnson; Willis Van Devanter, Assistant Attorney General; and Martin A. Knapp, Chairman of the Interstate Commerce Commission. Under certain changes in title the School continued until 1913, when its functions were transferred to Columbian College, the college of arts and letters of the University. In 1928 an independent school of governmental studies was reestablished as the School of Government. In addition to the University funds available for such a project, the National League of Masonic Clubs has contributed each year to the support of two chairs in Foreign Service, and an endowment of a million dollars was given for the support of the School by the Supreme Council of the Ancient and Accepted Scottish Rite of Freemasonry, Southern Jurisdiction. In 1935 the Grand Commandery of Knights Templar of Tennessee established a fellowship in recognition of their training program for Christian citizenship, and the National Grand Commandery by action of their Educational Foundation Committee established the Joseph Kyle Orr Fellowship in Government.

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of mankind; which, hereafter, as
rarely or ever come. — For these rea-
sons, it has been my ardent wish to
see a plan devised on a liberal scale
which would have a tendency to pre-
systernatic ideas through all parts
of this rising Empire, thereby to do
away local attachments and State
prejudices, as far as the nature of
things would, or indeed ought to ad-
mit from our National Councils. —
Looking anxiously forward
to the accomplishment of so desira-
ble an object as this is (in my con-
viction) my mind has not been able to
contemplate any plan more likely
to effect the measure than the esta-
blishment of a UNIVERSITY in
a central part of the United States,
to which the youth of fortune and
talents from all parts thereof might
be sent for the completion of their
Education in all the branches of po-
lite literature, in arts and sciences,
in acquiring knowledge in the prin-
ciples of politics and government,
and (as a matter of particular impor-
tance in my judgment) by appoint-
ing, with such other and forming office
ships in Juvenile years, be enabled
to free themselves with a proper degree
from those local prejudices & habits.

FACSIMILE OF A PAGE
FROM WASHINGTON'S WILL

The University and the Federal Government

THE unofficial relationship of The George Washington University to the United States Government has been close and has extended to all departments of the University. A distinctive element in the student body consists of Government employees, in a wide range of capacities, whose objective is to further their usefulness in the service. Graduates of various departments have performed valuable Government work, and men whose services to the Federal Government are well known have served on the teaching staff. Walter Reed, who made possible the building of the Panama Canal, occupied the Chair of Bacteriology in the Medical School. Among graduates of the Law School who hold important Government positions are Ewin Lamar Davis, Chairman of the Federal Trade Commission; Harry W. Blair, Assistant Attorney General; and J. Edgar Hoover, Director, Division of Investigation, Department of



DEPARTMENT OF COMMERCE

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DEPARTMENT OF STATE

Justice. The School of Engineering has trained men who have directed important Federal engineering projects, among them Albert Molitor and Arthur Powell Davis, formerly Director of the United States Reclamation Service,

whose names are associated with the Panama Canal, Boulder Dam, the Roosevelt Dam, and the Coolidge Dam.

In the Department of State are such distinguished graduates of the University as Wilbur John Carr, Assistant Secretary of State; Herbert C. Hengstler, Chief of the Division of Foreign Service Administration; Charles M. Barnes, Chief of the Treaty Division; Fred Morris Dearing, Ambassador to Peru; Alexander Wilbourne Weddell, Ambassador to Argentina; Nelson I. Johnson, Ambassador to China; H. F. Arthur Schoenfeld, Minister to the Dominican Republic; Antonio C. Gonzalez, Minister to Ecuador; and Hugh G. Grant, Minister to Albania.

More members of the Foreign Service have studied at The George Washington University than at any other American university except Harvard.

Location

THE George Washington University is situated in the heart of the city of Washington, a short distance from the Potomac River and the Mall. It is within a few blocks of the White House and the offices of many of the departments of the Government, including the Department of State, the Treasury Department, the War Department, the Navy Department, the Department of Justice, the Department of the Interior, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union building, and the National Academy of Sciences building are also near by, and the Capitol and the Library of Congress can be reached by street car in less than half an hour.



UNITED STATES TREASURY

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Advantages of Location

THE city of Washington is the political, and is now becoming the economic, center of the country. Its life is dominated by the presence of Congress, the President, the Supreme Court, the Government departments and independent establishments, and the foreign embassies and legations. It possesses library facilities that are unequalled. Not only are there such collections as those of the Library of Congress, but in various bureaus and commissions are specialized libraries accessible to the student. For the research student in Government the source material to be found in the archives of the various departments is not equaled or even approached by that available in any other city in the country.

Students in the School of Government have the advantage of participation in a cosmopolitan academic life, since the University, which has a total registration of over six thousand students, reflects the cosmopolitanism of Washington.



FRENCH EMBASSY

Control

THE charter of the University was granted by the Congress of the United States in 1821. The University is independent and nondenominational. Section 2 of its charter reads as follows:

SECTION 2. That section 13 of the original charter of February 9, 1821, which provides "That persons of every religious denomination shall be capable of being elected Trustees; nor shall any person, either as President, Professor, Tutor or pupil, be refused admittance into said College, or denied any of the privileges, immunities, or advantages thereof, for or on account of his sentiments in matters of religion," be, and the same is hereby, re-enacted and shall be hereafter in full force as a part of said charter.

The government and general educational management of the University is vested in a self-perpetuating Board of thirty-three Trustees, with the President of the University an ex-officio member. The elected members of the Board are named for a period of three years, one third of the membership being renewed annually.



STOCKTON HALL

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Academic Status

THE George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the academic standards of this accrediting body, but is important also to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Association of Colleges and Secondary Schools of the Middle States. It is on the approved list of the American Association of University Women and is listed by the American Council on Education.

The Law School is a charter member of the Association of American Law Schools and is approved by the Council of Legal Education of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges, is one of the medical colleges which has been designated continuously as class "A" by the American Medical Association, and is accredited for all its work by the Combined (Royal) Medical Examining Boards in England.

Admission to the Junior College

THE work for the Bachelor's degree in Government covers a full period of four years, two of which are spent in the Junior College and two in the School of Government proper. Application for admission to the Junior College may be made by graduates of accredited secondary schools, but since all graduates of accredited schools are not necessarily accepted, the student should submit his credentials to the Director of Admissions of the University at as early a date as possible, so that he may be informed as to his acceptability. Applicants who are not graduates of accredited secondary schools may enter through examination. Further details concerning admission are given in the general catalogue of the University.

Students who have credits from recognized colleges upon which they desire advanced standing, should submit their credentials to the Director of Admissions of the University for evaluation.



UNIVERSITY BUILDINGS

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Admission to the School of Government

A PPLICANTS for admission to the School of Government as candidates for the Bachelor's degree must present a Certificate of Junior Standing based upon the proper curriculum in Government in the Junior College, or its equivalent.

Students who have completed two years of work at other accredited institutions may be admitted to the School of Government if it is found that their courses of study satisfy the essential curricular requirements. Transfer students should submit their credentials for evaluation as

early as possible. Students who plan to complete the first two years of work at other institutions with the intention of transferring to the School of Government are encouraged to communicate with the officers of the School of Government upon any problems that may arise in connection with their programs.



ORIGINAL CONSTITUTION AND
DECLARATION OF INDEPENDENCE

Admission as a prospective candidate for the Master of Arts degree in Government is based upon an accredited Bachelor's degree with a ma-



ITALIAN EMBASSY

major in the same field in which the Master's degree is sought. For instance, a candidate for a Master's degree with a major in Foreign Service should present a Bachelor's degree from an accredited institution with a major approximately equivalent to the Foreign Service major for the Bachelor's degree in the School of Government. Students who do not possess this major may be required to do additional work.

Students who do not meet the requirements for admission to candidacy for the Master's degree in the School of Government may nevertheless meet the requirements for registration in Columbian College (the college of arts and letters) for a Master's degree in Political Science or Economics. Often courses of study along the line of their major interest may be arranged. In so far as the courses are the same, such students sit in the same classes with students in the School of Government.

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The Junior College Curriculum in Government

THE following Junior College curriculum covers the work required for entrance to the School of Government:

FRESHMAN YEAR	Sem. hrs.
English 1-2 (Rhetoric).....	6
French, German, Spanish, or elective*.....	6
European History†.....	6
Political Science 9-10.....	6
Biology, Botany, Chemistry, Geology, Mathematics, Physics, or Zoology.....	6 or 8
Physical Education.....	2
Total.....	32 or 34

SOPHOMORE YEAR	
French, German, Spanish, or elective*.....	6
American History†.....	6
Economics 1-2.....	6
Accounting‡.....	6
Electives.....	6
Physical Education.....	2
Total.....	32

*The student must complete satisfactorily the equivalent of two college years in a single foreign language. In general, one year in high school is the equivalent of a semester in college, and an elective may be substituted for the proper college semester for each year of the language completed in high school. It is recommended that students entering the Foreign Service and Foreign Commerce curricula have a speaking knowledge of a modern foreign language.

† Elective for students preparing for Business Administration, Public Finance, or Public Accounting.

‡ Elective for students preparing for Public Affairs or Foreign Service.

The Curricula in the School of Government

THE courses of study in the School of Government are so designed as to give the students a background in the political, social, and economic developments of the nation; to equip them with the technical information about government organization and administration; and to give them an understanding of business and financial organization with special reference to their relationship to government. These curricula are offered under the following heads: Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting. Each curriculum leads to the degree of Bachelor of Arts in Government. The first and second years are spent in the Junior-College; the third and fourth years in the School of Government. Beyond the Bachelor's degree there is a fifth or graduate year leading to the degree of Master of Arts in Government. In addition to the diploma, a certificate is issued designating the major field of study. With the approval of the Dean, these curricula are subject to variation to meet individual needs.

Public Affairs

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NEVER before has the individual had a more vital relationship to his government than he has at the present time. As a member of society he must study the governmental organization and the processes by which it functions, in order to appreciate its effects upon his own life. As a citizen he must study government so that he can participate intelligently in democracy. Together with this study of the political organization, he must analyze the economic and social organizations which function parallel to it. The curriculum in Public Affairs is designed to prepare the student for effective leadership.

THIRD YEAR

	Sem. hrs.
History 145 (Economic History of Europe).....	3
History 146 (Economic History of the United States).....	3
Political Science 111-12 (Comparative European Governments).....	6
Political Science 121-22 (Constitution of the United States).....	6
Sociology 27 (Social Organization).....	3
Sociology 28 (Social Problems).....	3
Electives.....	6
Total.....	30

The School of Government

17

FOURTH YEAR

Sem.
hrs.

Economics 105 (Economic Theory).....	3
Economics 167-68 (Public Planning and Economic Security).....	4
History 151-52 (Current History).....	2
Political Science 117 (Political Theory).....	3
Political Science 124 (Legislative Organization)...	3
Political Science 171 (International Organization).....	3
Political Science 172 (International Politics)....	3
Political Science 186 (Public Opinion).....	3
Psychology 1 (General Psychology).....	3
Psychology 152 (Social Psychology).....	3
Total.....	30

GRADUATE YEAR

Political Science 116 (Political Parties).....	3
Political Science 151-52 (Administration).....	6
Political Science 181-82 (International Law)...	6
Political Science 209-10 (Seminar).....	6
Thesis.....	6
Electives.....	3
Total.....	30

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Foreign Service

THE student who looks forward to entering the Foreign Service of the United States as a diplomatic or consular officer needs a cultural background as well as specialized training in order to meet successfully the varied problems that confront American representatives abroad. The curriculum in Foreign Service emphasizes the international political studies but retains other subjects of both a technical and cultural nature.

THIRD YEAR

	Sem. hrs.
Economics 109-10 (Economic Geography).....	6
History 105-6 (History of the Foreign Relations of the United States).....	6
History 145 (Economic History of Europe).....	3
History 146 (Economic History of the United States).....	3
Political Science 111-12 (Comparative European Governments).....	6
Political Science 127-28 (Commercial and Mari- time Law).....	6
Total.....	30

FOURTH YEAR

Economics 119 (Money and Banking).....	3
Economics 120 (Banking Systems).....	3
Economics 181-82 (International Economic Relations).....	6
Political Science 171 (International Organiza- tion).....	3
Political Science 172 (International Politics)....	3

The School of Government

19

FOURTH YEAR—Continued

Sem.
hrs.

Political Science 175 (Diplomatic Law and Procedure).....	3
Political Science 181-82 (International Law)....	6
Statistics 1 (Elementary Statistics).....	3
Total.....	30

GRADUATE YEAR

History 143 (Modern Imperialism).....	3
Six hours from Economics 183-84 (Economic Problems of Hispanic America, six hours), Economics 185-86 (Economic Relations with Canada, six hours), History 144 (History of Modern Russia, three hours), History 175 (Civilization of Colonial Hispanic America, three hours), History 176 (Civilization of Modern Hispanic America, three hours), Political Science 191 (The Near East, three hours), Political Science 192 (The Far East, three hours).....	6
Political Science 281-82 (Seminar: International Law and Relations).....	6
Thesis.....	6
Electives.....	9
Total.....	30

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Schedule No

Foreign Commerce

COMMERCIAL representatives abroad of the Department of Commerce as well as foreign agents of private concerns need to emphasize in their training the economic aspects of international affairs. The curriculum in Foreign Commerce differs from that in Foreign Service chiefly in this difference in emphasis, and embodies more work of a financial and business nature.

THIRD YEAR		Sem. hrs.
Business Administration 131 (Business Organization and Control).....	3	
Business Administration 132 (Business Management).....	3	
Economics 109-10 (Economic Geography).....	6	
Economics 119 (Money and Banking).....	3	
Economics 120 (Banking Systems).....	3	
History 145 (Economic History of Europe).....	3	
History 146 (Economic History of the United States).....	3	
Political Science 127-28 (Commercial and Maritime Law).....	6	
Total.....	30	

FOURTH YEAR		
Business Administration 147 (Marketing)....	3	
Business Administration 150 (Exporting and Importing).....	3	
Business Administration 153-54 (Principles of Transportation).....	6	
Economics 126 (International Banking and Exchange).....	2	

The School of Government

21

FOURTH YEAR—Continued

	Sem. hrs.
Economics 181-82 (International Economic Relations).....	6
Statistics 1 (Elementary Statistics).....	3
Electives.....	7
Total.....	30

GRADUATE YEAR

Economics 105 (Economic Theory).....	3
Economics 281-82 (Seminar: International Economic Relations).....	6
Political Science 181-82 (International Law)...	6
Thesis.....	6
Electives.....	9
Total.....	30

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Public Administration

THE varied work of public administrative office in local government as well as in State and National Government calls for training in personnel problems as well as an acquaintance with the broad aspects of finance, of the social structure, and of government. The student who plans for leadership in public administrative office will need to equip himself to meet problems in all these fields. The curriculum in Public Administration is designed to provide this type of training.

THIRD YEAR		Sem. hra.
Business Administration 124 (Federal Taxation)		3
Economics 123 (Public Finance)		3
Political Science 111-12 (Comparative European Governments)		6
Political Science 121-22 (Constitution of the United States)		6
Political Science 151-52 (Administration)		6
Psychology 1 (General Psychology)		3
Psychology 152 (Social Psychology)		3
Total		30

FOURTH YEAR		
Business Administration 127 (State and Municipal Taxation)		3
Business Administration 128 (Governmental Budgets)		3
Business Administration 131 (Business Organization and Control)		3

The School of Government

23

FOURTH YEAR—Continued

Sem.
hrs.

Business Administration 132 (Business Management).....		3
Business Administration 151 (Public Utilities).. <td>3</td>		3
Economics 119 (Money and Banking).....		3
Political Science 124 (Legislative Organization).. <td>3</td>		3
Electives.....		9
Total.....		30

GRADUATE YEAR

Political Science 209-10 (Seminar).....	6
Psychology 143 44 (Personnel Psychology).....	6
Sociology 115 (Administration of Private Social Work).....	3
Sociology 116 (Administration of Public Welfare).....	3
Thesis.....	6
Electives.....	6
Total.....	30

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Business Administration

WHETHER in the capacity of a Government expert in research engaged in economic analysis or as a business executive, the specialist in business conditions must be able to analyze the developments of finance and business. The curriculum in Business Administration offers a factual background for a knowledge of conditions in the modern business world and the basis for a technique of analysis.

THIRD YEAR

	Sem. hrs.
Business Administration 124 (Federal Taxation)	3
Business Administration 131 (Business Organization and Control)	3
Business Administration 132 (Business Management)	3
Business Administration 135 (Corporation Finance)	3
Economics 109-10 (Economic Geography)	6
Economics 119 (Money and Banking)	3
Economics 120 (Banking Systems)	3
History 145 (Economic History of Europe)	3
History 146 (Economic History of the United States)	3
Total	30

FOURTH YEAR

Business Administration 145 (Commercial Cost Accounting)	3
Business Administration 147 (Marketing)	3
Business Administration 153-54 (Principles of Transportation)	6

The School of Government

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FOURTH YEAR—Continued

	Sem. hrs.
Business Administration 156 (Speculation, Business Forecasting, and Insurance).....	3
Political Science 127-28 (Commercial and Maritime Law).....	6
Electives.....	9
Total.....	30

GRADUATE YEAR

Business Administration 136 (Investments)....	3
Business Administration 139 (Industrial Cost Accounting).....	3
Business Administration 231-32 (Seminar: Business Administration).....	6
Economics 165-66 (Types of Government Control of Economic Activity).....	6
Economics 208 (Proseminar: Governmental Control and Industry Planning).....	3
Thesis.....	6
Electives.....	3
Total.....	30

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Public Finance

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OFFICERS of government who are charged with a public financial trust, either as advisers to high officials and boards or as administrators in financial departments, must be acquainted with the operations of the national financial system, governmental taxing systems, and governmental budgeting methods. The curriculum in Public Finance combines these subjects with work that relates to the general administrative nature of the duties of public officials.

THIRD YEAR		Sem- hrs.
Business Administration 124 (Federal Taxation)		3
Economics 119 (Money and Banking)		3
Economics 120 (Banking Systems)		3
Economics 123 (Public Finance)		3
History 145 (Economic History of Europe)		3
History 146 (Economic History of the United States)		3
Political Science 121-22 (Constitution of the United States)		6
Political Science 127-28 (Commercial and Maritime Law)		6
Total		30

FOURTH YEAR		
Business Administration 127 (State and Municipal Taxation)		3
Business Administration 128 (Governmental Budgets)		3

The School of Government

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FOURTH YEAR—Continued

	Sem. hrs.
Business Administration 135 (Corporation Finance).....	3
Business Administration 136 (Investments).....	3
Business Administration 151 (Public Utilities)...	3
Economics 105 (Economic Theory).....	3
Political Science 151-52 (Administration).....	6
Statistics 1 (Elementary Statistics).....	3
Statistics 2 (Mathematics of Investments).....	3
Total.....	30

GRADUATE YEAR

Business Administration 137-38 (Advanced Accounting).....	6
Business Administration 140 (Auditing).....	3
Business Administration 156 (Speculation, Business Forecasting, and Insurance).....	3
Economics 211-12 (Proseminar: Relationship of Government to Banking Policy).....	4
Thesis.....	6
Electives.....	8
Total.....	30

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Public Accounting

BOTH in governmental and in private employment the accountant performs an invaluable service. Exacting and technical in nature, accounting is rapidly growing as a means of business control. The curriculum in Public Accounting includes subjects of a strictly accounting nature and those in closely related fields.

THIRD YEAR		Sem. hrs.
Business Administration 124 (Federal Taxation)		3
Business Administration 129 (Federal Accounting and Reports).....		3
Business Administration 137-38 (Advanced Accounting).....		6
Business Administration 139 (Industrial Cost Accounting).....		3
Business Administration 140 (Auditing).....		3
Economics 119 (Money and Banking).....		3
Economics 120 (Banking Systems).....		3
Political Science 127-28 (Commercial and Maritime Law).....		6
Total.....		30

FOURTH YEAR		
Business Administration 130 (State and Municipal Accounting).....		3
Business Administration 131 (Business Organization and Control).....		3
Business Administration 132 (Business Management).....		3
Business Administration 144 (Accounting Theory and Problems).....		3
Political Science 115 (Municipal Government).....		3
Political Science 151-52 (Administration).....		6

The School of Government

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FOURTH YEAR—Continued

	Sem. hrs.
Statistics 1 (Elementary Statistics).....	3
Electives.....	6
Total.....	30

GRADUATE YEAR

Business Administration 135 (Corporation Finance).....	3
Business Administration 136 (Investments)....	3
Business Administration 145 (Commercial Cost Accounting) or 151 (Public Utilities).....	3
Business Administration 211-12 (Proseminar: Accounting Problems).....	6
Economics 123 (Public Finance).....	3
Thesis.....	6
Electives.....	6
Total.....	30

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The Degree of Master of Arts in Government

THE degree of Master of Arts in Government, with a certificate designating the major field of study, is conferred by the School of Government. The major fields are Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting. The normal amount of work required beyond the Bachelor's degree is thirty semester-hours.

Candidates for the Master's degree must show a reading knowledge of at least one modern foreign language before they undertake the second half of their work. Other requirements for the degree are set forth in the general catalogue.



PAN AMERICAN UNION

The Degree of Doctor of Philosophy

THE degree of Doctor of Philosophy in The George Washington University is granted only by the Graduate Council of the University and is not given by the School of Government. Persons who desire to become candidates for the degree of Doctor of Philosophy in the field of Government should apply to the Graduate Council of the University.



MEXICAN EMBASSY

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Training for Government Service

THE recent great expansion in the activities of the Federal Government has drawn attention to the need for properly trained men and women to carry on the work of administration. A permanent and professional personnel is essential to the effective performance of the manifold duties that have been assumed by the central Government. Likewise in the State governments and in the counties and municipalities, there is need for a professionally equipped personnel.

Certain basic education is necessary for the intelligent performance of any governmental functions. Training of a specialized character is needed for various classes of office.

In addition, persons already in governmental service desire to prepare themselves for higher positions or to secure supplementary training. For the vast army of Federal employees in Washington, The George Washington University occupies a position of advantage in this respect. Its location in the Capital City also affords exceptional opportunities in the training of young people who plan later to enter governmental service.

Training for Private Business

ALTHOUGH the curricula in the School of Government are designed primarily to train students for participation in public affairs and for public office, a number of these curricula, particularly that in Business Administration, prepare effectively for private employment. Many students in the School of Government have no intention of entering the Government service, but are preparing themselves to enter the employment of large banks, corporations having trading relations abroad, and other private concerns. The qualifications of the foreign commercial representatives of the United States are such as to create a demand for them among private corporations with international interests. Both the governmental and private trade representatives must possess a cultural background, basic training in business, and a knowledge of the technical aspects of international trade.



CORCORAN HALL

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Cultural Aspects

SINCE the first two years of work for the Bachelor's degree are taken in the Junior College, the student does not begin his specialization until the third year. The first two years are spent in the study of subjects that broaden his cultural background as well as prepare him for the more specialized studies of the last two years. It should be noted, also, that the curricula in the last two years are not narrow in nature. Several of these curricula constitute what is really a broad major in History, Economics, and Political Science. For example, the Foreign Service curriculum is of this nature, for the foreign-service officer must be a person of culture and broad training as well as one who is acquainted with the subjects that more particularly relate to his profession. The curricula combine subjects of both a technical and a cultural nature to give the student at once a broad intellectual background and specialized training in the work of of his profession.



LIBRARY OF CONGRESS

Expenses

THE normal schedule of a student is thirty-two semester-hours for each year in the Junior College and thirty semester-hours for each year in the School of Government. The tuition for each semester-hour is \$8. In addition, each student pays a University fee of \$8 for each semester or any part thereof. Special fees, such as laboratory fees, graduation fees, and the like, are listed in the general catalogue of the University. Students registering for more than three semester-hours of work may, with approval of the Comptroller, sign contracts to pay the charges (except for the University fee and deposits) in three instalments each semester.

The University is an urban institution and maintains no dormitories. For the benefit of nonresident students, registers of rooms which have been inspected and approved are kept in the office of the Director of Women's Personnel Guidance. Single rooms range in price from \$15 to \$25 a month, and double rooms from \$10 to \$20 a month a person. Rooms with board, including breakfast and dinner, cost from \$35 to \$45 a month a person.

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Students with Limited Schedules

SINCE there are many persons who desire to work their way through college, the University provides classes in the late afternoon, beginning at 5.10 and 6.10 p.m., to meet the needs of such students. Many students secure Government positions for the purpose of taking advantage of such classes. Employed students must, of course, take limited schedules, and so require a longer period to secure their degrees than do those who are able to give full time to their academic work. Attendance upon the Summer Sessions is a means by which some students reduce the amount of time required to secure a degree.

A normal schedule for students employed over twenty-four hours a week is nine semester-hours of work. Only in exceptional cases are such students permitted to carry a schedule of more than ten semester-hours.



BRITISH EMBASSY

Registration

REGISTRATION for the first semester of the academic year 1935-36 will take place on Saturday, Monday, and Tuesday, September 21, 23, and 24, 1935. Registration for the second semester will take place on Wednesday and Thursday, February 5 and 6, 1936. In the Summer Sessions of 1936 registration for the nine weeks' term will take place on Monday, June 15, and for the six weeks' term on Monday, July 6; and instruction will begin on the same dates. Registration for the Junior College and the School of Government will be conducted in Corcoran Hall, 725 Twenty-first Street NW. A late-registration fee of \$5 is charged students who fail to register during the designated registration period.

Persons who do not meet the entrance requirements may not register in the School of Government. Persons of mature age who desire to take particular courses for which they are qualified may register in the Division of University Students.

For further information regarding registration, see the general catalogue of the University.

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Concerning Course Objectives and Records of Usage

IN developing the curricula in Government it was found that appropriate objectives were only partially inherent in the ordinary courses of Political Science, Economics, or Sociology. The aims of the curricula, if they were to be effective, must be found in the experience of those responsible for the use of such materials. The authorities of the University asked those men in the Government who are responsible for governmental usage and administrative policies to help set the standards that should prevail in the classroom work in the School of Government. These analyses, or what were finally styled "records of usage", have helped not only in the classroom but in the governmental service itself. There are herewith presented a few types of such records.

THE FOREIGN SERVICE OFFICER—

1. *Creates good will and common understanding, and, with restrained and critical leadership born of mature experience and profound knowledge of men and affairs, uses these as instruments for enhancing international confidence and cooperation among governments and peoples.*

(a) Adapts himself, his conduct, and his mode of

living, appropriately to climate and surroundings in the country to which he is assigned.

(b) Learns to speak the language of the country in a manner that reveals a background of intelligence and cultivation.

(c) Comprehends his own country, and with unremitting endeavor comes to understand deeply the foreign country where he is stationed.

(d) Furthers accurate knowledge and friendly understanding of the United States in foreign countries, and, also, of the foreign countries in the United States.

II. *Promotes and protects the interests of the United States and of its citizens.*

(a) Makes effective representations to the authorities of foreign governments concerning the protection of American citizens, their rights, and their property, in accordance with international law.

(b) Advises and assists Americans traveling abroad for business or other purposes with wise counsel and accurate information.

III. *Negotiates, with tact, sound judgment, and intimate knowledge of conditions at home and abroad, protocols, conventions, and treaties, especially regarding international intercourse, tariffs, shipping, commerce, preservation of peace, etc., in strict conformity to Government instructions.*

(a) Cooperates and counsels with superior officers and colleagues in Government service on all matters relating to his official duties.

IV. *Establishes and effectively utilizes personal contacts in far-sighted ways for the benefit of his Government and of American citizens.*

V. *Analyzes and reports on political and economic conditions and trends of significance to the United States.*

(a) Analyzes and reports on market conditions, statistics of trade, of finance, of production, of labor, etc., in foreign countries, in so far as they are significant to the United States and to its people.

(b) Analyzes and reports on crops and other agricultural, forest, fishing, and mining resources,

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in so far as they may affect similar American interests.

(c) Analyzes and reports on shipping practices, shipping legislation, freights, charters, pools, etc., in so far as they vitally affect any American interests.

(d) Reports on all legislation of interest to the United States.

(e) Reports on tariffs, both laws and practices.

(f) Reports on vital statistics of Americans abroad.

(g) Replies to individual trade and other inquiries from American citizens in ways to promote good will and help both present and future trade relations.

VI. *Exercises skill in following prescribed form and routine procedure when possible; and displays discriminating judgment, as may be necessary in more complicated situations requiring investigations, careful accumulation of information, or professional understanding of laws, customs, conditions, etc.*

(a) Issues passports to American citizens, registers citizens, and advises on questions relating to citizenship generally.

(b) Issues bills of health, makes sanitary reports, and supervises disinfection of merchandise.

(c) Certifies invoices of all goods shipped to the United States and reports on undervaluations for protection of revenues.

(d) Visas alien passports and issues immigration visas under immigration laws.

(e) Enters and clears American ships and airships, administers relief of seamen, signs on and discharges seamen, settles disputes between masters and seamen, and takes charge of shipwrecked vessels.

(f) Assists in prevention of importation of prohibited articles.

(g) Administers regulations relating to plant and animal quarantine.

(h) Takes custody of and with sagacity administers and settles estates of American citizens and sailors who have died abroad.

(i) Handles extradition cases.

(j) Witnesses marriages, where at least one of the participants is an American citizen, in accordance with American and local laws.

(k) Performs notarial services in accordance with Federal, State, and local laws.

VII. *Administers an office in a businesslike and efficient manner.*

(a) Gives helpful information to colleagues, and fundamental instruction and guidance to subordinates in assigning problems, investigations, duties, etc.

(b) Apportions responsibility and work among personnel, reports on personnel, and maintains morale.

(c) Maintains records of business and files of correspondence received and sent.

(d) Estimates needs of office and plans budget expenditures for present and future activities.

(e) Receives, cares for, and accounts for public property in accordance with Government regulations.

(f) Collects and properly accounts for fees for services rendered under law.

(g) Disburses funds received from the Treasury of the United States for salaries, wages, and contingent expenses; makes up required returns and accounts; and remits surplus funds to Treasury.

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THE UNITED STATES ATTORNEY—

1. *Represents the Government of the United States in all criminal actions arising within his district, and prosecutes violators of Federal statutes in a manner that results in an adequate and fair enforcement of the provisions of the statutes.*

(a) Examines and analyzes complaints, investigations, and reports; detects the significant factors of evidence; and so determines whether or not there has been a substantial infraction of Federal statutes that offenders are discovered and law-abiding citizens are protected against improper charges.

(b) Prepares written charges by information or indictment and examines witnesses before grand juries so that offenders are held for trial.

(c) Determines what laws are involved in each case, appraises the relative value of particular witnesses and their testimony, and on this basis develops cases for trial.

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(d) Forecasts probable and possible happenings in court, constructs hypotheses from somewhat fragmentary evidence and develops them with the help of all investigating personnel available for the purpose, and in the light of all the facts selects the course that best ensures enforcement of the statutes.

(e) Observes minute details in manner and testimony of witnesses and in their evidence, appraises the probable effect of their testimony upon courts and juries, and thus secures valuable leads for cross-examination and for the conduct of the case.

(f) Examines Government witnesses and cross-examines defense witnesses in a manner that leads them to reveal pertinent facts and to supply missing links of proof.

(g) Anticipates tactics of the defense and is prepared for surprises and unexpected circumstances from his own or opposing witnesses, or from opposing counsel, or from court rulings.

(h) Meets objections of opposing counsel with pertinent citation of precedents, of court rulings, and of law.

(i) Presents oral argument of testimony and fact in a manner that holds attention and interest of court and jury and instructs and convinces them.

(j) Persists, profits by successes and errors, and seeks always to bring out the facts, whether it results in conviction or acquittal.

(k) Makes recommendations for pardons, reprieves, or paroles that give due weight to considerations of humanity and to the chance that the prisoner may reform.

(l) Represents the Government of the United States upon appeal, and so explains the correctness of form and procedure of accusation, the methods of presentation of evidence, and the regard exercised for the rights of defendants, that in general his contentions are accepted.

(m) Defends Federal officers charged with violating criminal laws of the States in the performance of their duties.

II. Represents the Government of the United States in all civil actions arising within his district, and secures settlements or compromises that avoid unfortunate precedents and unnecessary Government expense.

(a) Examines titles to property, conducts proceedings for condemnation and determination of price; collects income, custom, and internal-revenue taxes; and enforces rights accruing to the United States by contract.

(b) Conducts libel proceedings against vessels or vehicles and other property subject to forfeiture for violating law, and against producers or dealers where violation of pure food and drug laws is claimed.

(c) Initiates proceedings for the collection of forfeited bail bonds; defends all actions against the United States and its officers; and appears for the Government in all bankruptcy proceedings and equity receiverships in which the Government has a claim.

(d) Represents the Commissioner of Immigration in all suits of habeas corpus or other matters relating to deportation or exclusion of aliens or to cancellation of fraudulent certificates of naturalization.

(e) Prosecutes removal proceedings against fugitives from other districts, and institutes action for the abatement of nuisances which come within Federal jurisdiction.

(f) Expedites forfeiture of property held by the Government for forfeiture, and so arranges his trials as to avoid unnecessary expense of witness fees, mileage, etc.

III. *Cooperates with all Federal agencies functioning in his district and aids them with legal service and opinion regarding a wide variety of official matters.*

(a) Encourages other officers to call upon him freely for advice, and aids them in adjusting difficulties or averting later complications.

(b) Cooperates with judges of the court in the general administration and in prompt disposition of business, and with bar associations and others in improving Federal law and procedure.

IV. *Organizes and administers an office that promptly handles all Government business committed to his care, and keeps his dockets moving forward with dispatch.*

(a) Arranges convenient and proper working conditions for all his assistants and clerks and trains

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them to perform their legal and general duties well and to show due courtesy to all citizens who come in contact with the office.

(b) Administers the work of the office in such a way that responsibility is fixed, that proper pride in accomplishment prevails, and that a true professional spirit pervades the entire organization.

(c) Arranges efficient methods of recording every step taken in the conduct of every case, that its full history may be easily reviewed.

(d) Makes reports as required by the Department of Justice and keeps records and statistical data that aid him and his assistants and associates to improve their methods and their practice.

V. *Formulates important issues that come before his office and gives expression to them in a way that wins public support because of their clarity and fairness.*

VI. *Confers with the Attorney General upon critical matters and makes constructive suggestions on matters that extend beyond the limits of his district.*

THE CITY MANAGER—

I. *Coordinates the administrative activities of the municipal organization in a unified program that gives the best public service possible for the cost.*

(a) Maintains over the municipal budget a direct control that keeps the city at all times in a financially sound condition.

(b) Plans municipal programs for the present and the future which, when carried out, substantially raise the standard of achievement.

(c) Issues to all departments instructions which, when carried out, result in efficient execution of the city's program.

(d) Makes selections of personnel upon a merit basis that secures skilled performance and maintains high morale.

II. *Maintains such a relationship with the city council that maximum cooperation is obtained.*

(a) Recommends to the council policies that result in effective conduct of public business.

(b) Supplies the council with data that show the effectiveness of the administrative policies adopted.

III. *Enforces all city ordinances so that the city is well governed and free from abuses and unfair privileges.*

(a) Exercises over the public utilities an authority that best protects the interests of the public.

(b) Reports to the council the critical features of any violations of privileges granted by the city, so that the council understands clearly what action is in the best interests of the public.

(c) Maintains all city property in such a state of repair that the public gets the greatest benefit therefrom.

IV. *Establishes with the general public such harmonious relations that citizen interest and confidence in the local government is aroused and maintained.*

(a) Makes personal contacts that foster mutual understanding between the government and the people.

(b) Administers his office with an impartiality that makes everyone feel he is getting a square deal.

(c) Issues for publication frank statements that win public confidence in the administration.

Note.—The University reserves the right to modify or change all requirements, rules, and fees. Such changes will go into force whenever the proper authorities may determine and will apply to all students in the University.

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HAMBURG

THE COLONIAL TOWN

THAT BECAME THE SEAT OF

THE GEORGE WASHINGTON

UNIVERSITY

By JESSIE FANT EVANS



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HAMBURG
THE COLONIAL TOWN
THAT BECAME THE SEAT OF
THE GEORGE WASHINGTON
UNIVERSITY

By JESSIE FANT EVANS, A.B., Ed.D.



WASHINGTON, D.C.
THE GENERAL ALUMNI ASSOCIATION
OF THE GEORGE WASHINGTON UNIVERSITY

1935

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PUBLICATIONS OF THE GENERAL ALUMNI ASSOCIATION
OF THE GEORGE WASHINGTON UNIVERSITY
No. 1

FOREWORD

WITH the National Capital undergoing rapid growth and change, it is well that there should be preserved for The George Washington University an account of old Capital landmarks whose histories are intermingled with our own.

The early University, like the Capital of that day, was rural in character, occupying in 1819 a large tract on what was then the boundary of Washington. The relics of that first home linger in a place name (University Place, running from Clifton to Fairmont between Fourteenth and Fifteenth Streets NW.) and a section of the old brick wall that still survives.

Responding to the needs of a new day, the University in the seventies gave up its holdings on "College Hill" and moved to the heart of the city. Lacking the means to erect imposing structures, it later utilized the old homes of Hamburg.

Now these old homes are disappearing before the onward movement of the University. But this chapter should not be allowed to slip from our records. We are grateful to Mrs. Evans for her part in its preservation. The devotion to the city and to the University of this citizen of Washington and alumna of George Washington has brought forth a valuable contribution to our local history and University annals.

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It is fitting that such a work should appear over the imprint of the General Alumni Association, for the alumni—who have formed the past, as they do the present and will the future of the University—are the natural keepers of its tradition. Other booklets are to follow, dealing with various phases of the history and growth of The George Washington University.

CLOYD H. MARVIN
President of the University

HAMBURG: THE COLONIAL TOWN
THAT BECAME THE SEAT OF
THE GEORGE WASHINGTON
UNIVERSITY

THE George Washington University is often spoken of as being "in the heart of the Nation's Capital". How true this is, Washingtonians themselves scarcely realize. For this academic community, to which come each year some seven thousand students from all parts of our own country and from forty foreign lands, lies in an area which seems somehow isolated from the hurrying tempo of modern Washington. The University buildings, though just four squares west of the White House, State Department, and United States Treasury, are located within view of George Washington's beloved Potomac, near the point where the Memorial Bridge links the Capital City with his native Virginia. The neighborhood still retains the characteristics of that older day—not one century ago, but two—when this part of the Nation's Capital was not Washington, but an independent town called Hamburg.

When the independence of the English colonies in America was still but a dream of the liberty-loving, Jacob Funk, a German emigrant, bought a tract of approximately 130 acres in that portion of

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Frederick County, Maryland, out of which Montgomery County was later carved. These holdings were within the limits of the present city of Washington. They comprised approximately the area in the northwest section bounded by H Street on the north, Upper Water and B Streets on the south, Twenty-third Street on the west, and a line midway between Eighteenth and Nineteenth Streets on the east.

In 1768 the tract was laid out by this colonist of vision into 287 building lots, and a town was incorporated which—probably after his native city in Germany—he called Hamburg. The nearest neighboring towns at this time were Georgetown, Carrollsburg, and Bladensburg, with the intervening country woodland and pasture.

Within this incorporated area, at what is now the southeast corner of Twentieth and G Streets, Mr. Funk reserved a lot upon which a German church was built. The church occupies this site today and still conducts German-language services. Its present edifice was erected in 1891.

The house which Mr. Funk built for himself is believed to have been located between Twenty-second and Twenty-third Streets and is said to have been constructed of bricks imported from Holland because they were much smaller and of a different texture from the bricks used in this vicinity.

Old records speak of a spring, where many came for water, located about half a mile from the old Glass House or Factory which was situated in Hamburg between Twenty-first and Twenty-second Streets. Near a rock in the Potomac River, just west of the Glass Factory, General Braddock is said to have landed in 1755, during the French and Indian War, en route with his army from Alexandria preparatory to being joined by the youthful Washington with his reinforcement of Colonial troops. By old citizens this rock for many years was referred to as "Braddock's Rock", and the place near it as "Braddock's Landing", the story being that Braddock's men filled their canteens here before taking up their march on their ill-fated expedition westward against Fort Duquesne.

Braddock's Rock may be seen today in the grounds of the Naval Medical School Hospital. Below the existing grade level, it is protected by a cover and is designated by a marker.

According to a legend long current among old Washingtonians, a British drummer boy fell overboard from one of the bateaux as the British troops were being ferried across the Potomac from the Alexandria side to Braddock's Rock, and was drowned. His body was never recovered. On stormy nights, they will tell

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you, his drum can still be heard, beating the *pas de charge*.

"Hamburg Wharf", at the foot of Twenty-first Street, was important for many years in the early history of Washington as a place of landing. As late as 1806 an act of Congress fixed at twenty-five cents the rate of hack fare "from the President's House to Hamburg Wharf".

On December 20, 1792, when "the Federal City in the Territory of Columbia" was in the making, Jacob Funk assigned his holdings in Hamburg in trust to William Deakins, Jr., of Georgetown, Treasurer of the Board of Commissioners, and Benjamin Stoddert, an original holder of land in the District of Columbia and our first Secretary of the Navy. These two trustees were "to execute deeds to holders of lottery tickets issued for the sale of lots in Hamburg". On April 7, 1793, Thomas Johns, James M. Lingan, Uriah Forrest, and Benjamin Stoddert deeded all their lots in Hamburg and Carrollsburg to Thomas Beall, of Georgetown, and John M. Gannt, trustee, "in trust to convey the same to the United States Commissioners for the purpose of building a Federal City". A portion of this tract was conveyed by the trustees to John Lenthall on July 18, 1800, "this being the first conveyance of this lot to a bona fide purchaser".

General Washington's interest in the town of Hamburg is clearly indicated in

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several letters written upon the subject, one of which was addressed by him from Philadelphia on February 17, 1791, to William Deakins and Benjamin Stoddert, who were later to serve as trustees for Jacob Funk. Indeed, General Washington afterwards purchased "Square numbered 21 said to be in Hamburg", which he willed "to George Washington Parke Custis, grandson of my wife and my ward".

It is not generally known that Thomas Jefferson thought this section of the city the ideal one for the location of the Capitol itself, and in connection with his rough outline of a plan for the new Federal City wrote the following:

The highest summit of land in the town heretofore called Hamburg within the territory, with a convenient extent of grounds circumjacent, shall be appropriated for a Capitol for the accommodation of Congress, and such other lands between Georgetown and the stream heretofore called the Tyber as should on due examination be found convenient and sufficient shall be appropriated for the accommodation of the President of the United States for the time being and for the public offices of the government of the United States.

The exact location which President Jefferson indicated as his choice for the Capitol building, according to the research of Miss Maude Burr Morris, of the Columbia Historical Society, was the site at the southwest corner of Nineteenth and G

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Streets, now occupied by the "Lenthall Home for Widows".

This home, incorporated in 1833, is the memorial of two devoted daughters to the memory of their distinguished father, the John Lenthall who was the first bona fide purchaser of a lot in Hamburg. Born in England in 1762, the son of Sir William Lenthall, Speaker of the House of Commons, John Lenthall came to America in 1793 when he was thirty-one years old. An architect, he was attracted, no doubt, by the opportunities for the practice of his profession in the Nation's Capital. When, in 1803, Benjamin Henry Latrobe, also an Englishman, took charge of the construction of the Capitol, Mr. Lenthall was selected to be "Clerk of Works and Principal Surveyor". He met an untimely death in the falling of one of the vaulted arches in the Capitol basement.

With the growth of the Federal City, the area which had once been included in the town of Hamburg became an exclusive residential section of the Nation's Capital. Probably in few cities in the world were so many families of similar culture and ideals congregated in happy homes as were to be found in this vicinity during the latter part of the last century.

Owing to certain exigencies of the times, and perhaps because of disposing fate itself, The George Washington University, founded in 1821, occupied two previous

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sites before permanently locating in this vicinity twenty-two years ago. Since that time the University has acquired nearly all of the old homes in the block bounded by G, H, Twentieth, and Twenty-first Streets, as well as others in adjacent squares; has built two large buildings, Corcoran Hall and Stockton Hall, both in the Colonial atmosphere; and is about to erect others consistent in design with the neighborhood's distinguished past.

Today historic old houses which once sheltered those who were dominating figures in our local and national life, are the classrooms in which eager young men and women prepare themselves for their careers. Beautiful old doorways are no longer the entrances to homes of the long ago, but give a gracious welcome to classrooms wherein the youth of our time seek and find doorways to the knowledge of all the centuries that have gone before.

Americans, looking with awe and reverence upon the background and traditions of the picturesque old buildings of the University of Paris, Oxford, or Heidelberg, are apt to be unmindful of equally interesting buildings in our Nation's Capital whose stories are associated with those who helped mold the country's destiny. Could the history which former occupants of The George Washington University's old buildings had a part in the making, be thrown upon a screen, what a stirring pageant

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would pass before our eyes. For here, in a background that was perhaps the most distinguished neighborhood of its time, those who commanded our land and sea forces, and those who dominated the political and judicial life of their day, had their homes.

2100 G Street, designated as Building A of the University, houses the office of the President and the Council Room of the Board of Trustees. The house, built about 1875, when the neighborhood was the center of aristocratic officialdom, was once the home of Admiral Thomas H. Patterson. After varying vicissitudes of time and fate, today it serenely surveys a busily passing academic world from the peaceful charm of its garden. Within, original fireplaces and mantels, rare pieces of Colonial furniture, ancient maps, fine etchings, and exquisite bits of old brass and porcelain, create an atmosphere which admirably links the best of the past with the present.

Just across the street, at 2101 G Street, in Building F, students of the Division of Fine Arts study architecture and graphic art in a truly fine old house built for his dearly beloved and lovely daughter, Elena Porter Campbell, by Admiral David Dixon Porter, who saw valiant service with Admiral Farragut and who is the author of a naval history of the Civil War. Here, in spacious, high-ceilinged rooms, beauti-

fully arched doorways are balanced by tall, heavily shuttered windows. Black marble mantels are harmonious in their quiet dignity. The graceful curve of the walnut stair-rail is accented by the niched recess at the second-floor landing.

2033 G Street, or Building G of the University, on the northeast corner of Twenty-first and G Streets, is the headquarters of the Comptroller and his staff. This in all probability is the oldest residence in possession of the University. Here there lived for many years one of Washington's most colorful citizens, General Maxwell VanZandt Woodhull. The son of Commodore Woodhull of the United States Navy, he was born in Washington and came to live in the house when his father bought it in 1857. It was his home thereafter until his death in 1921, at which time he bequeathed it to the University he had served as a Trustee since 1911.

General Woodhull's military title was earned during the Civil War. He entered the Volunteer Army of the United States shortly after his nineteenth birthday, and he was just past twenty-one when he was made a brigadier general for "conspicuously faithful and efficient service" to his country. Among General Woodhull's prized possessions was a personal letter from his friend, General John A. Logan, to General Ulysses S. Grant, recommending him for an officer's commission in the

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Regular Army. This letter, was never presented because at the close of the war General Woodhull determined to serve his country in other fields, subsequently acting as Secretary of the American Legation in London and as Chief of the Consular Bureau in the Department of State.

The Woodhull home is today substantially unchanged by its University occupancy. The Comptroller has as his office the spacious room on the second floor which was once the General's bedroom, with its lovely, carved marble mantel, high ceiling, and broad windows looking south and west. The windows which face south on G Street open on a small balcony enclosed with a wrought-iron railing of interesting design. One may still see the hook in the ceiling of the room from which once was suspended the mosquito-netting canopy which enveloped the General's four-poster during the summer months. During the later years of his life the General retired very early, the house being locked and barred at nine and no one being admitted after this hour. The General maintained that during the summer a breeze from the south usually sprang up at this time, which cooled his bedroom and made sleep a pleasant necessity.

In the bay-windowed room below the bedroom, now the Admissions Office of the University, which General Woodhull when

he occupied the house used as a library, he penned a volume entitled *West Point in Our Next War: The Only Way to Create and to Maintain an Army*, the thesis of which was the need for expansion of West Point facilities to insure sufficient officer personnel in time of war.

The Woodhull home was one of the first residences in this vicinity to install gas for illuminating purposes, but the General could never be interested in having it wired for electricity.

General Woodhull was probably the last person in Washington to use a herdic cab. It was his preferred method of transportation. Every day for fifteen years, at precisely the same hours morning and afternoon, a herdic backed up to his curb to take him upon his errands and drives. From his seat above, the driver would open the doors which gave entrance from the rear of the cab, the General would climb in, and off they would go.

In the General's day, a spacious stable in the rear of his residence housed an ante-bellum coach of unusual distinction. Upholstered in light blue satin, its shiny black body was suspended on swinging straps to give greater riding resiliency.

Nearly six feet tall, the General was exceedingly erect, with a very florid complexion. He wore the burnside style of whiskers. During his later years he always carried a gold-headed ebony cane upon

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which he was accustomed to rest his clasped hands as he sat expounding his convictions or giving forth instructions. His square-topped derby with its broad black band was a familiar sight in the neighborhood. Utterly unconcerned with changing fashions, the General at periodic intervals supplanted the old derby with a new one made precisely like its predecessors from a hat form which had been fashioned exclusively for him by his hatter.

A partizan Republican, he was famous for the expletives and epithets with which he was wont to condemn to blackest perdition the policies of the opposing party. Equally fervent were General Woodhull's religious convictions. The Unitarian Church, of which he was a devout member, he considered "the last trench of Protestantism". Fervently believing in prayer, he declared that "it was always helpful, if for no other reason than the appeal to the better part of one's own nature".

He was deeply interested in the University's welfare and progress. It was undoubtedly General Woodhull's influence that was responsible for the University's removal to its present site in the G Street area, and for ten years before his death his residence was practically on the campus.

Many an interesting tale is told by former students of being summarily "brought to time" by the General for some

infraction of University regulations which he had witnessed in his progress up G Street. The General invariably handled these situations himself, cane in hand, without resort to University officials, as many an alumnus will gratefully relate.

A bronze tablet, placed at the entrance to his former residence, commemorates General Woodhull's war record and his service and benefactions to the University.

2027 G Street, recently torn down to make way for a new University building, was once the residence of Commander Easby of the United States Navy, who was Chief of Naval Construction in the Navy Department and the son of the Captain Easby who was a shipbuilder of importance at Easby's Point and the owner of extensive limekilns there. The University purchased this property and the adjoining house, also now torn down, from Commander Easby's two daughters, Rosa L. and Fanny, who never married and who were known for their good works and quiet, unostentatious charities.

Building K of the University, which was once St. Rose's Industrial School, is occupied by the University Library, the common meeting ground of all the University's diversified groups of students. The acquisition of the building by the University was made possible through the generosity and public-spirited interest of

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Abram Lisner, of the Board of Trustees, in whose honor it is known as Lisner Hall.

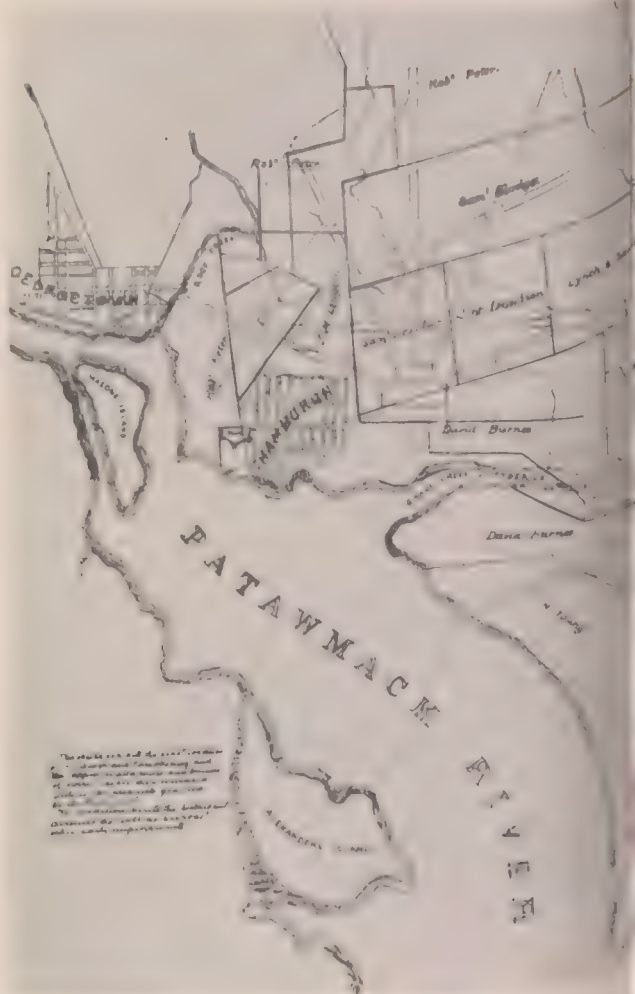
Here, in addition to the adequate requirements of a modern university, are interesting old volumes to delight the booklover's soul. There are rare vellum-covered volumes dating back to the early part of the sixteenth century, valuable and extensive, many of them from the collections of Professor Curt Wachsmuth, of the University of Leipzig, and Professor Richard Heinzel, of the University of Vienna. As you unlatch their quaint old clasps, you may view, selecting at random, a copy of Boccaccio's *Il Filocopo*, printed in Venice in 1612, with Richard Heinzel's signature upon the outer vellum cover. Perhaps one of the rarest books in the University Library is a volume in which have been bound ten early English sermons of Robert Harris, President of Trinity College, Oxford, which were issued separately and printed between 1610 and 1628. The Huntington Library in California has four of these sermons, but the volume in the University Library is probably the most complete collection of Harris's sermons in an American library.

A quaint bit of Americana is a volume entitled *Washington's Political Legacies*, to which is attached an account "of his illness, death, and national tributes of respect paid to his memory with a biographical outline of his life and character".

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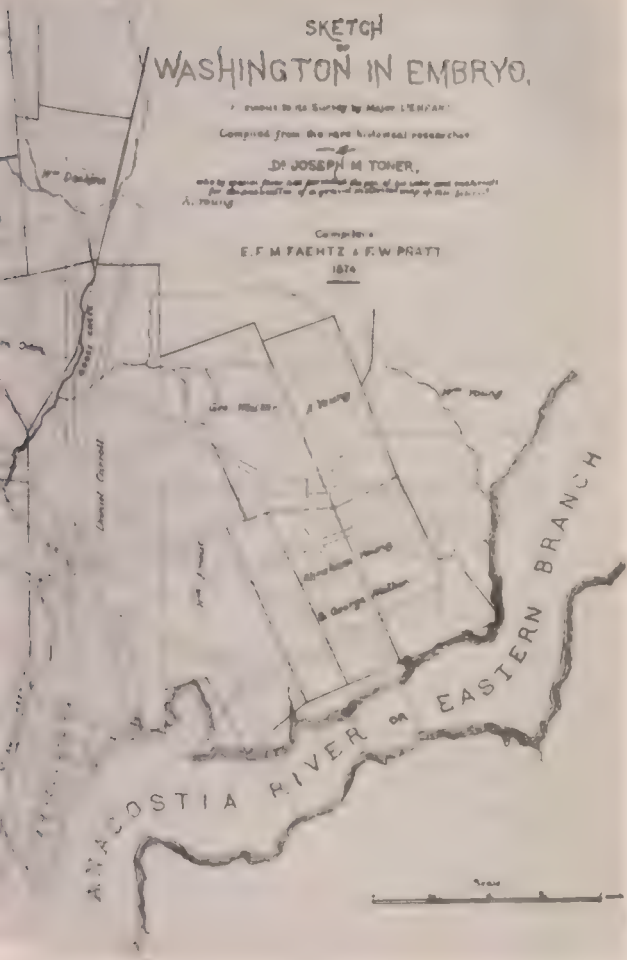
MAP OF WASHINGTON SHOWING THE

SKETCH WASHINGTON IN EMBRYO.

FROM HIS SURVEY BY MAJOR L'ENfant
Compiled from the rare historical researches

OF JOSEPH M. TOWER,
who by special favor was permitted the use of his notes and materials
for the publication of a general historical map of the District
A. TOWNE

Completed by
E. F. M. FAENTZ & F. W. PRATT
1876



LOCATION OF THE TOWN OF HAMBURG

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Published in Boston by subscription in 1800, the list of subscribers includes the leading citizens of the time, and by permission the book is dedicated by the publishers to Mrs. Washington. Another copy of this volume is in the Rare Book Division of the Library of Congress.

A volume fascinating in its appeal to the collector of books is one bearing General Woodhull's name and inherited from his library. It is the second issue of the first edition of Lewis Carroll's *Alice in Wonderland*, published in 1866. Still another in this same category is an 1852 edition of *Swallow Barn, or a Sojourn in the Old Dominion*, by John Pendleton Kennedy, with this comment on plantation life in Virginia: "Here was a thriftless gaiety, a dogged but enviable invincibility of opinion, and an overflowing hospitality that knew no ebb."

It is interesting to note a reference to the University in G. W. Colton's *General Atlas*, published in New York in 1863. The University appears on one of the old maps in this work with the citation: "It has a good library, a valuable philosophical apparatus, and other means and facilities for pursuing a liberal course of studies. The catalogue embraces a President and 12 professors, including those of the Medical College which is under the same management."

In this same connection it is interesting

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to quote from *The Washington and Georgetown Directory, Strangers' Guide-Book for Washington, and Congressional and Clerks' Register*, compiled and published by Alfred Hunter (with penciled notation that the author died Saturday, March 2, 1872), and printed by Kirkwood and McGill in Washington in 1853. Evidently scholastic endeavors were in no wise interfered with by fears of Washington's summer heat, for on page 1 there is this comment about The George Washington University (Columbian College): "The collegiate year begins on the third Wednesday in July when Annual Commencement occurs. There is a vacation of one month from the third week in March to the third week in April. The college was established in 1821 and it has educated a large number of young men, many of whom are now filling distinguished stations of honor and usefulness in our own and other countries. In local advantages the University is unsurpassed by any institution in the country, possessing all the facilities for imparting a thorough and liberal education."

2017 G Street, which is Building M of the University, goes down to fame in the letters of Henry Adams. Here, on the third floor, this famous member of a famous family had bachelor quarters during the winter of 1869-70, and from them he went back and forth in the Washington of his time. His wagon hitched to the star of

reform, he wrote from 2017 G Street for various magazines and newspapers divers attacks and defenses upon the political issues of the day, while Washington's practical politicians laughed and went their way. He knew many Congressmen and newspapermen. His associates and friends, through his old New England family and the powerful friendship and interest of Senator Hoar, of Massachusetts, numbered such giants as Fish, Jacob D. Cox, Evarts, Sumner, Secretary of the Treasury Boutwell, Chief Justice Chase, and a score more.

The letters addressed to his English friend, Charles Milne Gaskell, during the time he lived at 2017 G Street, may be read verbatim in *Letters of Henry Adams*, edited by Worthington Chauncey Ford, pages 169-87. Extracts from two are quoted:

WASHINGTON 7 Dec. 1869

Sunday night I had Jacob Dolson Cox, Secretary of the Interior, to dine with me here, and a very small party at which very important conversation took place. We eagles do soar, we donkeys do bray. . . . General Bade who was Motley's Secretary of Legation last season has returned and taken up quarters on the floor below me. We dine here every evening in state and full dress, including white cravats. Between us we know everybody and those we don't, know us.

The former drawing room and dining room of 2017 G Street, now used as class-

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rooms, are substantially unchanged, and one can readily visualize how they must have appeared at the time of which Mr. Adams writes. 158 G Street was the old numbering of the house, and its change to a new number, 2017, is commented upon in this letter:

2017 G STREET, WASHINGTON

13 January 1870

Which is not a new address but only a new number and means that I live on G Street in the 17th house beyond 20th Street. There's arithmetic for you. What a thing it is to live in a new country. . . .

At a time when Adams was caustically referring to "President Grant's simplicity in foreign affairs being more disconcerting than the complexity of a Talleyrand" and bitterly assailing many other public figures in the Nation's Capital, he was learning the fascination of Washington's spring-time. The wild beauty of Rock Creek and of the Potomac River made their impression. Characteristically, he writes of "the purified charm which was lent to the Capitol as one caught sight of its dome over miles of forest foliage". It is little wonder that years later he should make Washington his residence, and that when his grief over the loss of his wife could not be assuaged, should have Saint-Gaudens fashion, and erect in Rock Creek Cemetery, that bronze monument, "Grief", to which a visiting world has worn a reverent footpath.

2024 G Street, where the Home Economics laboratories and classrooms are located, once served as General Grant's headquarters, prior to its occupancy as a home by General Orville E. Babcock, secretary to President Grant. The beautiful mantels in the drawing rooms and dining room of this house are said to have been removed from the White House and installed here by a former tenant when the White House was remodeled during President Theodore Roosevelt's administration. The back garden blooms today in all its old-time loveliness, and a wisteria vine of great age, which entirely covers the rear of the house, blossoms each spring.

2020 G Street, which is next door to "Babcock House" and is designated as Building D of the University, was once the home of Dr. John Frederick May, who was graduated from The George Washington University (then Columbian College) with the degree of A.B. in 1831 and M.D. in 1834

Dr. John Frederick May was the son of Dr. Frederick May who, from the time he came to Washington in 1795, so well contributed to the laying of enduring foundations for the civic and professional life of the city. In 1819 the elder Dr. May founded the Medical Society of the District of Columbia, and in 1826 he was appointed to the Medical Faculty of The George Washington University. He was the build-

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er and one of the owners of the Columbian Building at the corner of Tenth and E Streets, then the headquarters for the University's Medical School, where he and others lectured to the medical students.

The younger Dr. May became Washington's most famous surgeon before the Civil War and, like his father, was noted for his civic benefactions. After studying abroad in the hospitals of London and Paris, he became Professor of Anatomy and Surgery in his alma mater. It was Dr. John Frederick May who identified the body of John Wilkes Booth, assassin of President Lincoln, by means of a scar on Booth's neck, left by an operation for the removal of a tumor which Dr. May had performed upon him some time previously. Booth's vanity would not permit him to forego a famous scene with Charlotte Cushman, with the result that he returned to the stage too soon and seriously reopened the wound during the course of an embrace incident to their act, with the resulting telltale scar which was later to be a factor in Dr. May's identification of him after the murder of President Lincoln.

Dr. May, according to those who remember him, was a fine, upstanding figure of a man, a veritable giant for height, as were his sons. The May daughters were tall and extremely graceful, and were famed for their wit and beauty not only in the Capital City but in Baltimore and New

York, where they paid frequent visits. One married William C. Whitney. Carrie became engaged to James Gordon Bennett, Jr., later sole owner of the New York *Herald Tribune*. The story of the breaking of Miss May's engagement to Mr. Bennett rocked the social circles of the nation at the time of its happening. Probably because of the gossip and unfavorable comment this incident heaped upon Mr. Bennett, he preferred to make his home in Paris, from where he dictated the *Herald Tribune's* editorial policy with a czar-like masterfulness, not permitting an editorial to appear in its pages that had not first received his cabled acquiescence.

Once again this old home at 2022 G Street was destined to have the limelight of publicity focused upon its distinguished occupants. During Grant's term of office as President of the United States it was the home of General William Worth Belknap, Secretary of War and the stormy petrel of a fierce controversy which agitated the Grant administration. Here again, what were the real facts in the case will never actually be known. The charges centered about the appointment of a certain John S. Evans to a post tradership at Fort Sill, Okla., and the reputed payment by Evans of \$25,000 for immunity from removal from office. In 1876 General Belknap was impeached, but the Senate vote lacked the two thirds

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necessary for conviction. As a matter of fact, General Belknap's previous resignation from the Army had actually removed him from the Senate's jurisdiction. General Belknap had been a distinguished officer during the Civil War, attaining a brigadiership upon the recommendation of General Sherman for his courage in command during the campaign through Georgia and across the Carolinas; and for him the greatest sympathy was maintained by President Grant and his fellow Cabinet members, who felt that General Belknap was the innocent victim of circumstance.

About 714 Twenty-first Street lingers an unauthenticated story concerning its planning by an admiral who was an authority on ship construction and who was, apparently, more at home afloat than ashore. Before going to sea he drew up explicit specifications and directions for the building of the house, with orders that they were in no wise to be deviated from by so much as a "jot or tittle". Whereupon the builder whom he had called in to execute his ideas was under the necessity of tactfully inquiring: "Is it your plan, Sir, to use a ship's sliding pole for stairs?" The admiral had entirely omitted this very necessary provision from his calculations.

In 1887 this home was the residence of Admiral S. H. Ramsey and was subsequently acquired by James B. Lambie, a prominent Washington business man, who

lived there for forty years prior to the University's acquisition of the property. Its sunny upstairs rooms are now given over to rest and study quarters for the women students of the University and to the offices of the Director of Women's Personnel Guidance. The spacious downstairs drawing rooms have been attractively furnished, in keeping with the background and traditions of the University, by three University organizations, the Columbian Women, the Panhellenic Association, and the General Alumni Association, and are a center for the social activities of the young people of the University.

Where the laboratories of The George Washington University School of Engineering are now located, at the southeast corner of Twenty-first and H Streets, there was once an old-fashioned house with high steps ascending to its front door. Here lived Thomas Fillebrown, a native of Hallowell, Me., with his blind wife. One of their three sons, Thomas Scott Fillebrown, became a commodore in the United States Navy and died while in command of the Brooklyn Navy Yard. Mr. Fillebrown himself was in the employ of the United States Government. Many years before his death he set up his own monument in Oak Hill Cemetery with his name suitably carved upon it. Every Sunday afternoon, attired in high stock, tall silk hat, and a long-tailed coat, it was his custom to

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betake himself in solitary state to the cemetery to survey the stone which was to memorialize his final resting place.

Mr. William Wilson, who owned one of the largest fuel-supply yards in the city, had a home on part of the site now occupied by Stockton Hall, the University Law School building, on Twentieth Street between G and H Streets.

There are many other houses in the neighborhood, outside of the University's holdings, which are of interest because of the distinguished names associated with them. Doughty Admiral Scott lived at 2028 G Street. His niece, Mrs. Richard Townsend, was a social leader of her time, and his grandniece, Mathilde Townsend, now Mrs. Sumner Wells, the charming subject of one of Sargent's loveliest portraits, is one of Washington's famous hostesses.

Another home on G Street which was a mecca for Washington's socially elite, was that of Admiral Charles H. Poor, at 2030 G Street. His three attractive daughters, who were great belles, were married from this residence. Annie became the bride of Charles Carroll Glover, destined to become one of Washington's most distinguished bankers and a civic leader of vision and purposeful courage. Their son, Charles Carroll Glover, Jr., is Vice Chairman of the Board of Directors and Vice President of the Riggs National Bank, a Trustee of

The George Washington University, and an earnest and able supporter of civic projects. A daughter, who returns to her native Washington for frequent visits, is Madame van Swinderen, wife of Jonkheer Rene de Marees van Swinderen, Minister of the Netherlands to the Court of St. James.

A neighbor of the Scotts' and the Poors' was General John Story. Mrs. Story is remembered as having been as exquisite as a bit of Dresden china to the day of her death. Their daughter, Caroline, was known as "beautiful Caroline Story" and was one of the most popular and charming debutantes that has ever graced a Washington season. Her marriage to Count Conrad de Buisseret, of the Belgian Embassy, was considered a real love match. During the World War, while her husband was on diplomatic detail to Russia, she lost her life from diphtheria contracted while doing emergency nursing service in a Belgian hospital near the front lines. Mrs. Story, the aged mother, performed a heroic feat in crossing the ocean alone during the worst period of the submarine disasters to bring the young De Buisserets to be under her care in America until the conclusion of the war. The eldest of these grandchildren, François, who was the successor to his father's title, many will remember when he was subsequently an attaché at the Belgian Embassy here.

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His untimely death cut short what promised to be a brilliant career in the diplomatic service of the Belgian Government.

On the northeast corner of Twentieth and G Streets stood the home of Admiral Richard Kindleberger, of a family distinguished in Navy and social circles. General Nelson A. Miles, the famous Indian fighter, afterwards occupied this residence. His erect figure, military bearing, and snowy white hair made him a marked figure even in this neighborhood of outstanding Army and Navy heroes.

2000 G Street was owned and occupied by "Handsome Captain Archibald Butt", military aide to President Theodore Roosevelt. Captain Butt's bravery and tragic death in the sinking of the *Titanic*, and that of his devoted friend, Francis Millet, the architect, who made his home with Captain Butt, is commemorated by a graceful fountain just south of the White House grounds. 2000 G Street was also at one time the home of Senator Oscar Underwood. Originally the property was owned and occupied by Albert A. Wilson, marshal of the District under President Cleveland and for many years president of the Firemen's Insurance Company.

General Adolphus Greeley, hero of the Arctic Relief Expedition, owned and lived in the house at 1914 G Street. General and Mrs. Greeley and their children, all of

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more than usual height, were referred to as "those tall Greeleys". Their home, as did so many of the old homes in this neighborhood, had the English-type ground-floor dining room. Its rather low ceiling proving an inconvenience to the Greeleys, the General had the plaster overhead torn out and beams finished in the manner of a ship's cabin. The result gave not only the desired "head room" but an attractive decorative effect.

One of the lines of Hamburg ran through the residence of Mr. James Morris Woodward, at 723 Twentieth Street, who has himself lived in this neighborhood many years and whose paternal grandfather, William Woodward, and maternal grandfather, Thomas Purcell, were highly esteemed citizens in their native Washington. Old records and licenses in the possession of Mr. Woodward show the Washington City Seal of 1802 and depict the Capitol as it was then, without a dome or wings.

At Nineteenth and G Streets, on the northeast corner, where the Maury Apartment is now located, lived Lieutenant Matthew Fontaine Maury, afterwards Commander Maury, U.S.N., who in 1842 was appointed superintendent of the Depot of Charts and Instruments of the Navy Department, a post which then included the superintendency of the new Naval Observatory. Largely self-taught beyond a high-school background, since there was

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no Naval Academy in those days, he had definite ideas about education, urging the study of mathematics and science against that of Latin and Greek, and he was the first naval officer to advocate a naval academy as a necessary training school for naval officers. The sobriquet which he bore, "Pathfinder of the Seas", was an unusually appropriate one, for he knew more about the Gulf Stream and other ocean currents than any living man. His work, *Wind and Current Chart of the North Atlantic*, issued in 1847, became the authority for the maritime world, adding immeasurably to the safety and profit of those who follow the sea. The George Washington University at its Commencement in 1853 bestowed the honorary degree of Doctor of Laws upon Commander Maury in recognition of his contributions to knowledge. This same year, at the instance of Commander Maury, the United States called the celebrated Brussels Conference for the co-operation of nations in matters pertaining to maritime affairs, at which time Commander Maury recommended the extension of meteorological observation to the land. Our present Weather Bureau and Signal Service are largely the outcome of his perception and advocacy. Despite the many honors showered upon him by his Government, his countrymen, and foreign

nations, he continued to be of a modest and unassuming nature.

Commander Maury's knowledge of the sea made possible the laying of the Atlantic cable. Not only did he prophesy the still-water plateau in the Atlantic between Newfoundland and England, but he conducted the soundings and suggested many helpful details. At the celebration of the completion of that great undertaking, Cyrus W. Field said: "Maury furnished the brains, England gave the money, and I did the work." His textbook, *The Physical Geography of the Sea*, was the first recognized textbook of modern oceanography, went through numerous editions, was translated into many languages, and is still a work of charm and interest.

In the ivy-covered house on the southwest corner of Eighteenth and G Streets once lived William Wirt. He was one of the shining lights of the American legal profession in the early days of the Republic, and as such was selected by President Jefferson to prosecute the case for the Government against Aaron Burr. He wrote a really great book in his authoritative biography of Patrick Henry, that morning star of the American Revolution. William Wirt, when serving as Attorney General of the United States, was one of the group of Cabinet officers who, with President James Monroe and General Lafayette, attended The George Washing-

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ton University's first Commencement, on December 15, 1824.

G Street at one time had something of the atmosphere of an Embassy Row, for the French Embassy was located at 1916 G Street, while the Danish Minister lived on the north side of G Street between Twentieth and Twenty-first.

On the whole, the G Street of Hamburg has changed less than its parallel companion street, F. Yet on F Street, too, there still remain many of the interesting old homes.

The magnificent central-hall residence at 1925 F Street, with its broad paneled doorway, looks out upon a Washington that has undergone vast changes since it was fashioned by the master builders of its time. Today, owned by Mrs. James F. Curtis, it is an exclusive club. During the Presidency of Cleveland it was occupied by the Honorable Hilary A. Herbert while he was Secretary of the Navy. To old Washingtonians it will always be known as "Ray House", because there first lived Alexander Ray, well-known business man, who conducted a prosperous milling business in Georgetown. A son, A. Ross Ray, occupied the house on the northwest corner of F and Twentieth Streets. Two grandsons hold prominent positions today in the financial life of America. One, George L. Harrison, is Governor of the Federal Reserve Bank

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of New York; the other, Ray L. Harrison, is a vice president of the Mellon National Bank of Pittsburgh. Their mother was Nannie Ray Harrison.

Colonel James L. Edwards, father of the late John L. Edwards, prominent business man, owned what was once 1906 F Street, where the Park Central Apartments now stand. Always referred to by his contemporaries as "a gentleman of the old school", Colonel Edwards served for many years as Commissioner of Indian Affairs. Although an Episcopalian, he took much interest in the Western Presbyterian Church, and at his funeral the Reverend Dr. Coombs, affectionately known to the neighborhood as "Old Coomie", and the Reverend Dr. Charles Cuthbert Hall, Rector of The Church of the Epiphany, of which Colonel Edwards was a member, jointly officiated, Dr. Hall referring to Colonel Edwards in his sermon as "a rather better Christian than he was a Churchman".

The dignified old colonial home on the northwest corner of Eighteenth and F Streets was originally owned by the Carrolls of Carrollton. Later it became the home of John Marshall, Chief Justice of the United States. Many years afterwards this same property was bought and remodeled in keeping with its earlier traditions by another Chief Justice of the United States, Melville W. Fuller.

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32 *The George Washington University*

Before many years have passed it is likely that many of the old homes belonging to the University will have disappeared, to be replaced by modern university buildings more nearly commensurate with the University's requirements.

Although the George Washington University is illustrative of the truth that scholarship and teaching are not dependent upon bricks and mortar or stained glass and ivy, still we who are devoted to the University envisage arising on the banks of the Potomac an academic community which in physical aspect as well as in educational service will fulfil the dream of him whose name it bears.

Meanwhile, these old homes which once sheltered the nation's leaders have served well. From them have gone forth graduates to fill public office outnumbering those which any other university in this country has trained for such service to the nation. Whatever changes time may bring, the history and atmosphere of Hamburg will remain an indelible part of the background and traditions of The George Washington University.

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THE
GEORGE
WASHINGTON
UNIVERSITY
BULLETIN

VOL. XXXIV

No. 5

The School of Pharmacy



WASHINGTON, D.C.

JULY 1935

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The Oath of Maimonides

THY Eternal Providence has appointed me to watch over the life and health of Thy creatures. May the love for my art actuate me at all times; may neither avarice, nor miserliness, nor thirst for glory, or for a great reputation engage my mind; for the enemies of Truth and Philanthropy could easily deceive me and make me forgetful of my lofty aim of doing good to Thy children.

May I never see in the patient anything but a fellow creature in pain.

Grant me strength, time, and opportunity always to correct what I have acquired, always to extend its domain; for knowledge is immense and the spirit of man can extend infinitely to enrich itself daily with new requirements. Today he can discover his errors of yesterday and tomorrow he may obtain a new light on what he thinks himself sure of today.

O God, Thou hast appointed me to watch over the life and death of Thy creatures; here am I ready for my vocation.

And now I turn unto my calling.

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The Board of Trustees

The President of the University, *ex officio*

1935

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The Faculty of the School of Pharmacy

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William Paul Briggs, M.S.,
Dean of the School of Pharmacy.

Harold Griffith Sutton, M.S.,
Director of Admissions.

Fred Everett Nessell, A.B.,
Registrar.

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Edward Henry Sehrt, Ph.D.,
Professor of German.

William Paul Briggs, M.S.,
Professor of Pharmacy.

Donnell Brooks Young, Ph.D.,
Professor of Zoology.

Louis Francis Bradley, Ph.D.,
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Associate Professor of Romance Languages.

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Associate Professor of Chemistry.

Douglas Bement, A.M., LL.B.,
Assistant Professor of English.

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Assistant Professor of Biology.

Raymond John Seeger, Ph.D.,
Assistant Professor of Physics

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Lawson Edwin Yocum, Ph.D.,

Assistant Professor of Botany.

DeWitt Clinton Knowles, Jr., M.S.,

Assistant Professor of Chemistry.

John Harold Hanks, Ph.D.,

Assistant Professor of Bacteriology.

Chester Elwood Leese, Ph.D.,

Assistant Professor of Physiology.

John William Lee, M.S.,

Assistant Professor of Pharmaceutical Chemistry.

Samuel Louis Hilton, Ph.D.,

Lecturer on Incompatibilities.

Augustus Carrier Taylor,

Lecturer in Pharmacy.

Waldemar Bruce Philip, A.B., Ph.D., LL.M.,

Lecturer on Pharmaceutical Economics and Jurisprudence.

Instructor in Pharmacology.

Hugh Fenton Collins, Ph.G.,

Associate in Pharmacology.

ADVISORY COMMITTEE

Louis Francis Bradley, *Chairman*

Howard Bradbury

Malcolm Graham Gibbs

William P. Herbst

Samuel Louis Hilton

Paul Pearson

Augustus Carrier Taylor

The School of Pharmacy

THE George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. The School of Pharmacy is a member of the American Association of Colleges of Pharmacy, the national accrediting body for schools of pharmacy. The curriculum is approved by the New York State Board of Regents, and graduates of this School are admitted to the Board of Pharmacy examinations in the various States.

The School of Pharmacy offers an approved curriculum leading to the degree of Bachelor of Science in Pharmacy.

Students majoring in Pharmacy in The George Washington University are enrolled in the Junior College for the first two years of the four-year course leading to the degree. These first two years are devoted to the study of the fundamental sciences, cultural subjects, and the basic Pharmacy courses. Registration in the Junior College for the freshman and sophomore years enables the student, should he decide to change his major or to undertake professional training in a different field, to obtain credit in another college, school, or division

of the University for courses taken during these years.

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NATIONAL ACADEMY OF SCIENCES

Upon satisfactory completion of the Junior College work, a certificate of junior standing is awarded. The last two years of work, which consist mainly of professional courses and electives for specialization, are taken in the School of Pharmacy. Upon the satisfactory completion of the work of these two years, the degree of Bachelor of Science in Pharmacy is conferred.

The curricula in the Junior College and the School of Pharmacy are outlined on pages 18-20.

Location

THE George Washington University is situated in the heart of the city of Washington, a short distance from the Potomac River and the Mall. The American Institute of Pharmacy, the center of the professional, scientific, and commercial activities of pharmacy, is located opposite the Lincoln Memorial, a few blocks from the University. The United States Public Health Service, the Hygienic Laboratory, the Army Medical Museum, the National Academy of Sciences, and the Army Medical Library are all within walking distance of the School of Pharmacy; and the United States Bureau of Standards and the Library of Congress can be reached by street car in less than half an hour.



AMERICAN INSTITUTE OF PHARMACY

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Advantages of Location

WASHINGTON, the political capital of the nation, is now becoming the economic and scientific center of the country. Its library facilities are unequaled. Not only are there such collections as those of the Library of Congress, but in various bureaus and commissions are specialized libraries accessible to the student. For the research student, there is source material in the archives of the various departments not to be found elsewhere. Students in the School of Pharmacy have the further advantage of participation in a cosmopolitan academic life, since the University, with an enrollment of over seven thousand students, reflects the cosmopolitanism of Washington.



LIBRARY OF CONGRESS

Professional Services

THE United States Department of Commerce estimates that approximately 165,000,000 prescriptions are filled annually by the pharmacists of the United States. This represents the primary service of pharmacy in the protection of the public health. The drug stores of the nation also are a vital and indispensable link in the general program of health protection and education. The pharmacist, being conveniently located and on duty throughout the day and until late at night, is the adviser to millions of people on a multitude of health problems. Through the drug store information is disseminated to the public on disease-prevention measures, the use of insecticides, and general domestic sanitation. The drug store is the service center for hospital and sick-room supplies, and the pharmacist must be prepared to supply instructions for their proper use. Medicines other than prescriptions, are supplied through the drug trade, and here too the pharmacist must instruct and protect the public. These and many other professional services constitute the major functions of the average independent pharmacy.

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The Drug Industry

ANNUALLY, the people of the United States spend approximately \$715,000,000 for drugs and medicines. This total amount is of the same general magnitude as the total annual outlay for the services of physicians or for hospitalization, and it far exceeds the combined amounts paid to nurses, dentists, and secondary and sectarian practitioners. According to the report of the Committee on the Costs of Medical Care,

the average family spends between twenty and twenty-five dollars a year for medicines. In 1930 the drug stores of this country reported annual receipts amounting to approximately \$1,650,000,000. Such is the immensity of the industry associated with the profession of pharmacy.



CORCORAN HALL: HOUSES THE
SCHOOL OF PHARMACY

Qualifications

IN every State and in the District of Columbia exacting requirements governing the practice of pharmacy are in force. In most instances, graduation from an accredited college of pharmacy is a prerequisite. The minimum standard degree is that of Bachelor of Science in Pharmacy, conferred upon completion of a four-year course. In addition to the degree, at least one year, and in some States four years, of practical experience, obtained in a drug store where prescriptions are compounded, is required. A further safeguard of the quality and efficiency of pharmaceutical service is the State Board of Pharmacy. The applicant for a license to practice pharmacy, after submitting to this body evidence of his good moral character and of the required college graduation and professional experience, must pass a comprehensive examination. The license, when granted, must be renewed every year or, in some instances, every three years. These exacting requirements have been imposed by the profession of pharmacy itself to raise the standard of the profession and to insure the highest possible type of service.

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Opportunities

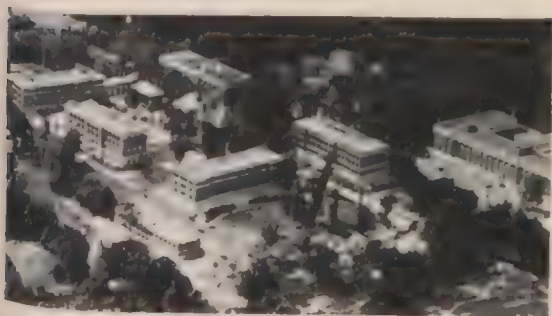
WHILE most registered pharmacists are absorbed by the retail drug trade, the type of training now available in colleges of pharmacy fits graduates for a variety of other positions. Manufacturing and industrial laboratories need scientifically trained pharmacists for control and research work involving medicines, drugs, cosmetics, and biological and similar products. City, State, and Federal Food and Drug Departments and Health Departments require the services of expert pharmacists. The Federal Government employs many pharmacists in the Veterans' Administration, the Narcotic Bureau, the Public Health Service, and the Army and Navy. A few pharmacists are engaged in teaching and in research.



BUREAU OF THE PUBLIC HEALTH SERVICE

Employment

THE School of Pharmacy assumes no responsibility for placing students in part-time positions while attending classes or for securing positions for its graduates. However, since the reorganization of the School in 1927, every graduate either has been placed or has found employment in his field. At the present time, every graduate of the last eight years is employed. The situation as to part-time work for the student while attending the School is equally favorable. Every qualified student now enrolled who desires such work has been placed, and there are a number of positions vacant. These fortunate conditions prevail largely through the splendid cooperation of the pharmacists of Washington with the School of Pharmacy.



BUREAU OF STANDARDS

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The Junior College Curriculum in Pharmacy

THE following Junior College curriculum covers the work required for entrance to the School of Pharmacy:

FRESHMAN YEAR		Sem. hrs.
English 1-2, English Rhetoric.....		6
French, German, or Spanish*.....		6
Botany 1-2, General Botany.....		6
Chemistry 12x and 21x, Inorganic qualitative chemistry.....		8
Pharmacy 1-2, Pharmaceutical Mathematics....		4
Physical Education.....		2
Total.....		32

SOPHOMORE YEAR		
Chemistry 41-42, Organic Chemistry.....		8
Physics 11x, Properties of matter, Status and Heat.....		3
Zoology 1, Introduction to Zoology.....		3
Pharmacy 21-22, Operative Pharmacy.....		10
Pharmacy 23-24, Pharmacognosy.....		6
Physical Education.....		2
Total.....		32

* The equivalent of one college year in a single foreign language is required. The curriculum requirements in foreign languages are articulated with the admission requirements. For admission to the School of Pharmacy, a student must have completed satisfactorily the equivalent of one college year in a single foreign language.

A student offering for admission two acceptable high school units of a single foreign language, or the equivalent, is not required to take any foreign language. If he offers one unit, he must complete the second semester of the first-year college course, or complete one year in another foreign language.

The Curriculum in the School of Pharmacy

THE courses of study in the School of Pharmacy are so designed and arranged as to give the student adequate training in the science and art of pharmacy. By the proper choice of electives, it is possible for the student to specialize in either the professional or the commercial phases of pharmacy. Advanced undergraduate courses are also offered, as electives, for those who wish to major in Pharmacognosy, Pharmacology, Pharmaceutical Chemistry, or Food and Drug Analysis. Through other departments of the University, students may elect courses for specialization in Biology, Chemistry, Physics, or other sciences. This flexibility of the curriculum allows for preparation for many other fields of endeavor besides retail pharmacy.

The following curriculum in the School of Pharmacy leads to the degree of Bachelor of Science in Pharmacy:

JUNIOR YEAR	Sem. hrs.
Bacteriology 111, General Bacteriology.....	3
Chemistry 121, Quantitative Inorganic Analysis	4
Pharmacy 101-2, Dispensing Pharmacy.....	8
Pharmacy 105-6, Therapeutics.....	4

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JUNIOR YEAR—Continued

Sem.
hrs.

Pharmacy 107, History of Pharmacy.....	2
Pharmacy 110, Inorganic Pharmaceutical Chem- istry.....	3
Physics 12, Electricity and Magnetism.....	3
Physiology 116, General Physiology.....	3
Total.....	30

SENIOR YEAR

Pharmacy 163, Organic Pharmaceutical Chem- istry.....	3
Pharmacy 165-66, Pharmacology.....	6
Pharmacy 174, Quantitative Pharmaceutical Chemistry.....	4
Pharmacy 178, Pharmaceutical Economics and Jurisprudence.....	3
Electives*.....	14
Total.....	30

Graduates of the School of Pharmacy of The George Washington University who hold the degree of Bachelor of Science in Pharmacy and have the required prerequisites, may be accepted as candidates for the degree of Master of Science in Chemistry.

* Recommended courses from which electives may be selected are as follows: Biochemistry 141-42 (4-4), Chemistry 111-12 (4-4), Chemistry 122 (4), Chemistry 131-32 (2-2), Chemistry 135-36 (2-2), Chemistry 145-46 (2-2), Economics 1-2 (3-3), Pharmacy 151-52 (2-2), Pharmacy 171-72 (2-2), Pharmacy 179-80 (3-3), Pharmacy 184 (2), Pharmacy 190 (2), Physics 14 (2), Psychology 1-2 (3-3). Figures in parentheses indicate the number of semester-hours of credit.

Elective courses other than those here recommended may be taken with the approval of the Dean.

Advanced Standing

APPPLICANTS for admission to the School of Pharmacy who present a baccalaureate degree from an accredited institution, may satisfy the requirements for the degree of Bachelor of Science in Pharmacy in three years by completing the curriculum outlined below, which comprises eighty-eight semester-hours of credit. In the case of students whose course has included adequate fundamental sciences, this time may be reduced, but in no case can the requirements for the degree be satisfied in less than two full academic years.

FIRST YEAR

	Sem. hrs.
Botany 1-2, General Botany.....	6
Chemistry 12X and 21X, General Chemistry.....	8
Pharmacy 1-2, Pharmaceutical Mathematics....	4
Pharmacy 21-22, Operative Pharmacy.....	10
Zoology 1, Introduction to Zoology.....	3
Total.....	31

SECOND YEAR

Bacteriology 111, General Bacteriology.....	3
Chemistry 41-42, Organic Chemistry.....	8
Pharmacy 23-24, Pharmacognosy.....	6
Pharmacy 101-2, Dispensing Pharmacy.....	8
Pharmacy 105-6, Therapeutics.....	4
Total.....	29

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THIRD YEAR		Sem. hrs.
Chemistry 121, Quantitative Inorganic Analysis		4
Pharmacy 107, History of Pharmacy		2
Pharmacy 110, Inorganic Pharmaceutical Chem- istry		3
Pharmacy 163, Organic Pharmaceutical Chem- istry		3
Pharmacy 165-66, Pharmacology		6
Pharmacy 174, Quantitative Pharmaceutical Chemistry		4
Pharmacy 178, Pharmaceutical Economics and Jurisprudence		3
Physiology 116, General Physiology		3
Total		28

An Appreciation

THE President of the University, the Board of Trustees, and the Faculty of the School of Pharmacy are happy to take this opportunity to express their gratitude for the generous assistance and financial support given by the alumni of the School and other local pharmacists which has made possible the acquisition of modern equipment for the Pharmacy laboratories. The list of contributors, too long to print here, is representative of the pharmacists of Washington, and to each we voice our sincere appreciation for the cooperation so freely given toward the further development of the School of Pharmacy of The George Washington University.

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THE
GEORGE
WASHINGTON
UNIVERSITY
BULLETIN

THE SUMMER SESSIONS
1935

ANNOUNCEMENT OF COURSES



WASHINGTON, D.C.

1935

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CALENDAR OF THE SUMMER SESSIONS

1935

Date	Days	Occasion
May 20-June 1	Monday to Saturday, both dates inclusive	Preregistration period for all courses in the Summer Sessions
June 10	Monday	Registration day for all courses in the Summer Sessions, 9 a.m. to 8 p.m. Instruction begins in the nine weeks' term and in the first term of the Law School
June 11	Tuesday	Late-registration fee (\$5) is charged for all registrations in the nine weeks' term and in the first term of the Law School
June 17	Monday	Last day on which late registration is permitted for the nine weeks' term and for the first term of the Law School
July 1	Monday	Registration day for the six weeks' term in all Schools and Divisions except the Law School, 9 a.m. to 6 p.m. Instruction begins in the six weeks' term
July 2	Tuesday	Late-registration fee (\$5) is charged for all registrations in the six weeks' term
July 4	Thursday	Holiday
July 6	Saturday	All classes scheduled for July 4 meet at regular hours
July 8	Monday	Last day on which late registration is permitted for the six weeks' term
July 23-24	Tuesday and Wednes- day	Registration period for the second term of the Law School
July 24	Wednesday	First term of the Law School ends
July 25	Thursday	Second term of the Law School begins
July 26	Friday	Late-registration fee (\$5) is charged for all registrations in the second term of the Law School
August 1	Thursday	Last day on which late registration is permitted for the second term of the Law School
August 9	Friday	Six weeks' term and nine weeks' term end in all Schools and Divisions except the Law School
September 2	Monday	Holiday
September 7	Saturday	Second term of the Law School ends

SPECIAL NOTICE

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Because the courses listed herewith have been proposed so far in advance of the Summer Sessions, there is the possibility of alteration and revision of this program. For such changes prospective students are referred to the Summer Sessions Bulletin which will be issued late in February 1935.

The tuition fee is \$8 per semester-hour of credit; the University fee is \$4; material fees and breakage deposits are specified under certain courses.

MAXIMUM OF CREDIT

In general no student may take more than three courses, aggregating nine semester-hours of credit; no employed student may take more than two courses, aggregating six semester-hours of credit.

Students registered only during the six weeks' term may take not more than three courses, aggregating six semester-hours of credit; employed students in the six weeks' term may take not more than two courses, aggregating four semester-hours of credit.

Students in the Law School may obtain a maximum of four semester-hours of credit in each term.

Any exceptions to these general regulations must be made by the Dean of the School or College concerned.

REDUCED RAILROAD FARES

In certain regions of the country the railroads offer reduced fares for students attending the Summer Sessions. Information and appropriate certificates concerning these reductions may be had from the Office of the Dean of the Summer Sessions.

COURSES OF INSTRUCTION

Courses will be offered in the Junior College, Columbian College (the Senior College), the Law School, the School of Education, the School of Government, the Division of Library Science, and the Division of University Students. Students in the School of Engineering and in the Division of Fine Arts will have the opportunity to take many of their elective and required courses in the Junior College and Columbian College curricula.

The courses of instruction listed below are subject to change. Courses preceded by an asterisk (*) are in the six weeks' term, beginning July 1; all other courses begin on June 10, unless otherwise stated. The number of semester-hour credits is stated after the title of each course. The room in which the class will meet is indicated after the description of each course.

A dagger (†) preceding the number of a course indicates that the course may not be entered in the second half without permission, and that credit will not be given until the work of both halves has been completed.

CHEMISTRY

- 11-12 *General Chemistry* (4-4) Knowles and Assistant
For students who are beginning the study of Chemistry. Students who have had high-school Chemistry may enter Chemistry 12 on July 11. Material fee, \$9 for each half; breakage deposit, \$10. Daily except Sat., 8.40 a.m. to 1.30 p.m. (Room: Y-39.)
- 41-42 *Organic Chemistry* (4-4) Mackall and Assistant
Material fee, \$12 for each half; breakage deposit, \$10. Daily except Sat., 8.40 a.m. to 1.30 p.m. (Room: Y-37.)
- 295-96 *Research* (3-3) The Staff
Research and thesis for the Master's degree. Hours and fees to be arranged.

ECONOMICS

- 1-2 *Principles of Economics* (3-3) Sutton
An analysis of the existing economic order and its problems. Daily except Sat., 6.10 to 8 p.m. (Room: L-21.)
- 131 *Business Organization and Control* (3) Owens
Simple and interrelated forms of business enterprise and their control by government. Prerequisite: Economics 1-2. Daily except Sat., 5.10 p.m. (Room: L-21.)

- 147 *Marketing* (3) Kennedy
Methods of marketing agricultural and industrial products.
Prerequisite: Economics 1-2. Daily except Sat., 5.10 p.m.
(Room: Y-17.)
- 152 *Principles of Transportation* (3) Kennedy
A survey of the transportation industry and its problems.
Students electing this course may not also offer Economics
153-54 for credit. Prerequisite: Economics 1-2. Daily except
Sat., 6.10 p.m. (Room: Y-17.)
- 156 *Speculation, Business Forecasting, and Insurance* (3) Owens
The risks in conducting business enterprises and ways of dealing
with them. Daily except Sat., 6.10 p.m. (Room: L-21.)

EDUCATION

- *116 *Technique of Teaching* (2) Ruediger
Method in relation to subject matter. Daily except Sat., 10.40
a.m. (Room: B-22.)
- *143 *Teaching Reading* (2) French
Methods and materials; review of investigations. Daily except
Sat., 8.40 a.m. (Room: B-12.)
- *146 *The Social Studies* (2) French
Historical setting, content, and method. Daily except Sat.,
10.40 a.m. (Room: B-12.)
- *147 *Teaching Elementary-School Subjects* (2) Halberg
Vitalized methods; individual and group teaching. Daily except
Sat., 11.40 a.m. (Room: B-11.)
- *149 *Curriculum Construction* (2) Halberg
A survey of recent experiments and practices. Daily except
Sat., 9.40 a.m. (Room: B-11.)
- *151 *The High School* (2) Wahlquist
Purposes, curriculum, and method; comparison with European
practices. Daily except Sat., 8.40 a.m. (Room: M-10.)
- *152 *The Junior High School* (2) Wahlquist
Specific functions, with special reference to the reorganization
of the American school system. Daily except Sat., 7.40 a.m.
(Room: M-10.)
- *213 *Seminar: Educational Origins* (3) French
Special problems in early American education. Daily except
Sat., 11.40 a.m. (Room: B-12.)

- *219 *Seminar: Philosophy of Education* (3) Ruediger
Special attention is given to the relation of education to the changing social order. Daily except Sat., 9.40 a.m. (Room: B-22.)
- *257 *Seminar: High-School Supervision* (3) Wahlquist
A survey of current practices. Daily except Sat., 10.40 a.m. (Room: M-10.)
- 291-92 *Thesis* (3-3) The Staff
The techniques of research. Students working on Master's theses will register for this course. First meeting Fri., July 5, at 3.10 p.m., in room L-12.

(See also Psychology 121, *Educational Psychology*; Psychology 123, *Psychology of Character*; Psychology 221, *Seminar: Educational Psychology*.)

ENGLISH

- 1-2 *English Composition* (3-3) Bement
Daily except Sat., 6.10 to 8 p.m. (Room: Y-29.)
- 51 *Survey of English Literature* (3) Baker
First half: from the beginning to Dryden. Daily except Sat., 6.10 p.m. (Room: M-21.)
- 52 *Survey of English Literature* (3) Smith
Second half: from Pope to the present time. Daily except Sat., 5.10 p.m. (Room: M-22.)
- 138 *Spenser and Milton* (3) Baker
Daily except Sat., 5.10 p.m. (Room: M-21.)
- *145 *Dr. Johnson and His Circle* (2) Smith
Daily except Sat., 9.40 a.m. (Room: L-11.)
- 152 *The Romantic Movement* (3) Smith
Second half. Daily except Sat., 6.10 p.m. (Room: M-22.)
- 175 *The American Drama* (3) Bolwell
Daily except Sat., 5.10 p.m. (Room: L-22.)
- *185 *Fiction since 1890* (2) Bement
Daily except Sat., 10.40 a.m. (Room: L-11.)
- *193 *An Introduction to the Study of Poetry* (2) Baker
Daily except Sat., 8.40 a.m. (Room: M-12.)

FRENCH

(See Romance Languages)

GEOLOGY

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- *5 *Field Geology* (4) Bassler
Field trips to neighboring localities of geological interest, with classroom study. Daily except Sat., 5.10 to 7 p.m.; field work Sat. afternoon. (Room: Y-10.)
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- *215 *Research* (1) Bassler
Field and laboratory investigation of special problems. Hours to be arranged.

GERMAN

- 1-2 *First-Year German* (1-3) Rogers
Essentials of grammar and translation of simple prose. Daily except Sat., 6.10 to 8 p.m. (Room: K-23.)
- 5-6 *Second-Year German* (3-3) Sehrt
Composition and conversation; readings in prose and poetry. Daily except Sat., 6.10 to 8 p.m. (Room: K-24.)

HISTORY

- 23 *Ancient History* (3) Kayser
A study of the civilization of the ancient Near East, Greece, and Rome. Daily except Sat., 7.40 a.m. (Room: Y-11.)
- 37 *Modern European History* (3) Ragatz
The development of western civilization, 1450-1850. Daily except Sat., 5.10 p.m. (Room: Y-29.)
- 41 *American History* (2) Churchill
A survey of the colonial era and the early national period. Daily except Sat., 6.10 p.m. (Room: Y-24.)
- *145 *Intellectual Aspects of the Renaissance and Reformation* (2) Kayser
The early modern period in its cultural phases. Daily except Sat., 8.40 a.m. (Room: Y-11.)
- *158 *Contemporary Europe* (2) Ragatz
The Old World since the close of the Great War. Daily except Sat., 6.10 p.m. (Room: Y-29.)
- *162 *Canadian History* (2) Churchill
The Dominion as a connecting link between England, the British Empire, and the United States. Daily except Sat., 7.10 p.m. (Room: Y-24.)

- *197 *Seminar-Conference on Hispanic-American Affairs* (4) Wilgus,
Robertson, and Visiting Staff
See Political Science 197.

- 203 *Proseminar: History and Historians* (3) The Staff
An introduction to theory and method. Mon. and Thurs., 8.10
p.m. (Room: Y-24.)

(See also Political Science 177, *American Diplomacy*.)

LAW

- 101-2 *Agency* (4) McIntire
Mechem's Cases on Agency (2d ed., by Seavey). Daily except
Sat., 5.10 and 6.10 p.m., second term. (Room: U-21.)
- 141-42 *Torts* (4) Van Vleck
Beale's edition of Ames and Smith's Cases. Daily except Sat.,
5.10 and 6.10 p.m., first term. (Room: U-21.)
- 241-42 *Real Property II* (4) Benson
Kirkwood's Cases on Conveyances; Mecham and Atkinson's
Cases on Wills and Administration. Daily except Sat., 5.10
and 6.10 p.m., first term. (Room: U-30.)
- 261-62 *Trusts* (4) Moll
Scott's Cases on Trusts, 2d ed. Daily except Sat., 5.10 and
6.10 p.m., first term. (Room: U-10.)
- 311-12 *Business Associations* (4) Davison
Warren's Cases on Corporations. Daily except Sat., 5.10 and
6.10 p.m., second term. (Room: U-30.)
- 323-24 *Equity III* (4) Spaulding
Ames' Cases on Equity, vol. 2; Pound's Cases on Equitable
Relief against Defamation and Injuries to Personality; Chafee's
Cases on Equitable Relief against Torts. Daily except Sat.,
5.10 and 6.10 p.m., second term. (Room: U-10.)

LIBRARY SCIENCE

- *172 *Cataloguing* (2) Wright
Material fee, \$1. Daily except Sat., 5.10 p.m. (Room: K-21.)
- *121 *Classification* (2) Wright
First half. Daily except Sat., 6.10 p.m. (Room: K-21.)
- *141 *Reference* (2) Wright
Prerequisite: Cataloguing and Classification, or the equivalent
in library experience. Daily except Sat., 7.40 a.m. (Room: K-21.)

MATHEMATICS

- 19 *Differential Calculus* (3) Taylor
June 10-July 10. Daily except Sat., 6.10 to 8 p.m. (Room: Y-22.)
- 20 *Integral Calculus* (3) Taylor
July 11-August 9. Daily except Sat., 6.10 to 8 p.m. (Room: Y-22.)
- 277 *Partial Differential Equations* (3) Taylor
Hour to be arranged.

PHILOSOPHY

- 103 *Principles of Philosophy* (3) Garnett
A survey of the problems and theories of philosophy. Daily except Sat., 6.10 p.m. (Room: B-22.)
- *131 *Aesthetics* (2) Garnett
The origin and nature of art. Its significance for religion, morality, and social life. Daily except Sat., 8.40 a.m. (Room: L-21.)

PHYSICAL EDUCATION FOR MEN

(First term: June 10-July 24; second term: July 25-September 7.)

- 15-16 *Physical Education* (1-1) The Staff
This course will satisfy the curriculum requirements of Physical Education 17-18 and will count toward the four semester-hours of credit in Physical Education which is required for graduation and which is compulsory for all freshman and sophomore men. The student may select from the following various activities the course of training which he desires to follow: baseball, golf, swimming, tennis. Hours to be arranged.
- †55-56 *Orientation in Physical Education and Methods in High-School Athletic Coaching* (2-2) Pixlee, Myers
Introductory course. Emphasis placed on new conceptions, modern goals, common measures, and fundamental skills of Physical Education. Field instruction, lecture methods, coaching problems of the various major and minor sport activities. Daily except Sat., 9.40 a.m. (Room: K-32.)
- †63-64 *Anatomy and Physiology in Physical Education* (2-2) Myers
Study of different forms of athletic injuries; effect of the various types of exercise upon the muscular system and the bodily organs; study of the basic and essential facts relative to the

structure and function of the human body. Daily except Sat., 10.40 a.m. (Room: K-32.)

†103-4 *Teaching Technique and Methods in Corrective, Gymnastic, and Tumbling Physical-Education Activity* (2-2) The Staff

Class organization; selection and progression of material; technique of teaching; floor and equipment management; providing for individual differences; training of student leaders; and methods in corrective and preventive exercises. Lectures, discussions, and practical floor work. One-hour lecture and eight hours of laboratory work each week. Daily except Sat., 7.40 a.m. (Gymnasium.)

†106-7 *Administration and Organization of Physical Education* (2-2) Walsh

Discussion of modern administrative methods, a unified administrative program, physical-education plants, athletic fields, and equipment. Field trips to neighboring localities of recreational and athletic interest. Daily except Sat., 10.40 a.m. (Room: K-31.)

PHYSICS

12 *Electricity and Magnetism* (3) Seeger

Prerequisite: Physics 11. Students who have credit for high-school Physics from an accredited high school may, with the permission of the Physics Department, omit this prerequisite. Material fee, \$4.50. Mon., Wed., and Fri., 10.40 a.m., and Tues. and Thurs., 9.40 to 11.40 a.m. (Room: K-14.)

13 *Dynamics, Sound, and Light* (3) Brown and Seeger

Prerequisite: Physics 11. Students who have credit for high-school Physics from an accredited high school may, with the permission of the Physics Department, omit this prerequisite. Material fee, \$4.50. Mon., Wed., and Fri., 6.10 p.m., and Tues. and Thurs., 6.30 to 8.30 p.m. (Room: K-14.)

*14 *Modern Physical Phenomena* (2) Brown

Molecular and atomic Physics. Prerequisite: Physics 12 and 13. A student may take one of these prerequisites concurrently if he has credit for the other one. Daily except Sat., 5.10 p.m. (Room: K-14.)

POLITICAL SCIENCE

9 *Government of the United States* (3) Martin

Emphasis on recent tendencies and the relationship of the Federal Government to business. Daily except Sat., 5.10 p.m. (Room: Y-27.)

- 10 *State Government* (3) Johnstone
Emphasis on the social activities of the States and the relationship between the States and the Federal Government. Daily except Sat., 6.10 p.m. (Room: L-11.)
- 111 *Comparative European Governments* (3) Tillema
A study of the leading governments of Europe as going concerns. Daily except Sat., 5.10 p.m. (Room: M-12.)
- 127 *Commercial and Maritime Law* (3) Tillema
The principles of contract, agency, liens, including their application in the maritime field. Daily except Sat., 6.10 p.m. (Room: M-12.)
- *151 *Administration* (2) Tillema
Emphasis on new developments in administration, particularly in the national sphere. Daily except Sat., 7.40 a.m. (Room: L-21.)
- 177 *American Diplomacy* (3) Martin
The development and application of the main points of foreign policy as shown in our leading treaties and negotiations. Daily except Sat., 6.10 p.m. (Room: Y-27.)
- 192 *The Far East* (3) Johnstone
A study of Far Eastern international relations in modern times. Daily except Sat., 5.10 p.m. (Room: L-11.)
- *281 *Seminar in International Law and Relations* (2) Martin
Mon., 8.10 to 10 p.m. (Room: Y-27.)

SEMINAR-CONFERENCE

This special conference, under the direction of Professor A. Curtis Wilgus, Director of the Center of Inter-American Studies, is open to students for credit only with the approval of the Director. A special circular of detailed information will be sent upon request.

- 197 *Seminar-Conference on Hispanic-American Affairs* (4) Wilgus, Robertson, and Visiting Staff
A study of colonial Hispanic-American origins and their present influences. Daily except Sat., 9.40 to 11.30 a.m. (Room: A-11.)

PSYCHOLOGY

- 1 *General Psychology* (3) Thorndike
The fundamental principles underlying human behavior. Daily except Sat., 5.10 p.m. (Room: L-12.)

- 2 *Applied Psychology* (3) Thorndike
Individual differences; maladjustment; the application of Psychology to medicine, law, education, and business. Daily except Sat., 6.10 p.m. (Room: L-12.)
- *121 *Educational Psychology* (2) Dreese
Special emphasis on adolescence. (Opportunity to earn three semester-hours of credit will be provided.) Daily except Sat., 11.40 a.m. (Room: B-21.)
- *123 *Psychology of Character* (2) Dreese
A survey of factors influencing the personality development of school children. Daily except Sat., 9.40 a.m. (Room: B-21.)
- *161 *Comparative Psychology* (2) Thorndike
Principles of animal behavior. Daily except Sat., 7.40 a.m. (Room: B-22.)
- *221 *Seminar: Educational Psychology* (3) Dreese
Problems in the psychology of learning, with special reference to character development. Daily except Sat., 8.40 a.m. (Room: B-21.)

PUBLIC SPEAKING

- 1 *Principles of Effective Speaking* (3) Harding
Speech composition and delivery. Short informative, persuasive, and entertaining speeches. Daily except Sat., 6.10 p.m. (Room: Y-16.)
- 5 *Argumentation* (3) Harding
Construction and adaptation of arguments to audiences, refutation, practice debates. Daily except Sat., 5.10 p.m. (Room: Y-16.)

ROMANCE LANGUAGES

FRENCH

- 1-2 *First-Year French* (3-3) Deibert
Grammar, translation, pronunciation. Daily except Sat., 6.10 to 8 p.m. (Room: Y-11.)
- 5-6 *Second-Year French* (3-3) Protzman
Reading of modern French; grammar review; oral practice. Daily except Sat., 6.10 to 8 p.m. (Room: Q-21.)

SPANISH

- 1-2 *First-Year Spanish* (3-3) Corliss
Grammar, translation, pronunciation. Daily except Sat., 6.10 to 8 p.m. (Room: Y-12.)

- 5-6 *Second-Year Spanish* (3-3) Doyle
Reading of modern Spanish; grammar review; oral practice.
Daily except Sat., 6.10 to 8 p.m. (Room: Y-21.)

RUSSIAN

- 1-2 *First-Year Russian* (3-3) Kolesnikoff
Pronunciation, essentials of grammar, simple composition, and
reading. Daily except Sat., 6.10 to 8 p.m. (Room: B-12.)
- 115 *Survey of Russian Literature* (3) Kolesnikoff
History of Russian literary development; readings in English
translation of Russian masterpieces. Daily except Sat., 5.10
p.m. (Room: B-12.)

SPANISH

(See Romance Languages)

ZOOLOGY

- 1-2 *Introduction to Zoology* (3-3) Bowman
Lectures and laboratory work introductory to zoological char-
acters, the general principles of biology and evolution, and
comparative morphology. Zoology 1, June 10-July 10; Zoology
2, July 11-August 9. Material fee, \$4.50 a semester; breakage
deposit, \$10. Daily except Sat., 5.10 to 6 and 6.10 to 9 p.m.
(Room: M-10.)
- *5 *Field Zoology* (4) Bartsch
A field course covering the range of habitat afforded by our own
locality, intended to acquaint the student with living animals
in their natural surroundings. Problems in ecology. Daily
except Sat., 7 to 9 a.m., and Sat., 1 to 6 p.m. (Room: Y-21.)
- *105 *Mammalian Anatomy* (3) Bowman
Material fee, \$6. Daily except Sat., 5.10 p.m.; laboratory hours
to be arranged. (Room: Y-21.)
- 135 *Field Ornithology* (3) Bartsch
Intersession course, June 3-July 6, inclusive; daily, 7 to 8.50
a.m.; expedition to Rookeries off Cape Charles, July 3-7,
inclusive.

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THE
GEORGE
WASHINGTON
UNIVERSITY

BULLETIN

THE LAW SCHOOL SUMMER SESSION
1935



WASHINGTON, D. C.

1935

THE LAW SCHOOL SUMMER SESSION

THE FACULTY

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law, Dean.*

Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law.*

Walter Lewis Moll, A.B., LL.B., S.J.D., *Professor of Law.*

Carville Dickinson Benson, jr., A.B., LL.B., S.J.D., *Associate Professor of Law.*

James Forrester Davison, A.B., LL.M., S.J.D., *Assistant Professor of Law.*

John Albert McIntire, A.B., LL.B., *Assistant Professor of Law.*

GENERAL INFORMATION

CALENDAR

The Summer Session will cover a period of thirteen weeks, divided into two equal terms. Classes in the first term will begin Monday, June 10, and end Friday, July 19. Examinations will be held July 22, 23, and 24. Classes in the second term will begin Thursday, July 25, and end Thursday, September 5. Examinations will be held September 7. Thursday, July 4, and Monday, September 2, will be holidays; classes scheduled for those days will meet instead on Saturday, July 6, and Thursday, September 5.

RESIDENCE AND ATTENDANCE

The Summer Session is a regular part of the work of the School. The character of the instruction, the amount and grade of work required, and the rules and regulations as to residence, attendance upon classes, and grades, are the same as in the regular session of the academic year. Credit is given for subjects completed by regularly qualified students. Residence credit is given for one fifth of a part-time year for attendance in one term of the Summer Session. A part-time year is three fourths of a full-time year and one fourth of the residence requirement for the degree of Bachelor of Laws. In no case will residence credit amounting to more than this be allowed for attendance during the Summer Session. No student will be recommended for the degree for which he is a candidate unless he has fully completed the requirements for residence as well as those for semester-hours in subjects. A student who at the end of the Summer Session has completed subjects which equal in semester-hours the total number of semester-hours required for the degree for which he is a candidate, but has failed to complete the full residence requirements for that degree, must be in residence during the first semester of the next academic year and pass the examination in at least one subject.

ADMISSION

The requirements for admission are the same as those for the regular session, as stated in the Law School announcement in the general catalogue. For candidates for the degree of Bachelor of Laws the requirement is the completion before admission of two years (sixty semester-hours) of college work. Students from other law schools may be admitted for the Summer Session only as regular or as unclassified students. Unclassified students must comply with the same entrance requirements as candidates for the degree of Bachelor of Laws.

Qualified students are permitted to begin the study of Law in the first term of the Summer Session, but not in the second term.

Beginning students who complete successfully the work of both terms of the Summer Session may register for a full program of late-afternoon work during the next regular academic year. Those who fail to complete successfully the work of both terms may be required to take during the next academic year less than a full program of work if the schedule of classes makes this necessary or the grade of their work during the Summer Session makes its desirable.

REGISTRATION

No student will be registered until proper credentials have been filed and approved. The registration periods will be, for the first term, Saturday, June 8, and Monday, June 10; and for the second term, Tuesday and Wednesday, July 23 and 24. Students who fail to complete their registration during the regular registration periods will be charged a late-registration fee of \$5. No student will be permitted to register after the first week of a term.

FEES

Fees are as follows: University fee, \$4; tuition fee, for each semester-hour of credit, \$8; late-registration fee, \$5; change fee, for each change in program after registration, \$2; reinstatement fee, \$5.

Fees for each term are payable in advance at the beginning of the term. A student who is compelled to withdraw before the end of a term should apply to the Dean of the Law School at once for permission to withdraw. Until this application for withdrawal has been made and approved, the student is treated as still in registration. In case of a withdrawal during a term no refund of fees will be granted.

HOURS OF INSTRUCTION AND CREDITS

All classes are held in the late afternoon at 5.10 and 6.10 p.m., from Monday to Friday, inclusive.

Students may obtain a maximum of four semester-hours of credit in each term.

Regarding requirements for the degrees, see the Law School announcement in the general catalogue.

COURSES OF INSTRUCTION IN LAW

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400. The number of semester-hours of credit given for the satisfactory completion of a course is indicated in parentheses after the name of the course.

- 101-2 *Agency* (4) McIntire
 Mechem's Cases on Agency (2d ed., by Seavey). Daily except Saturday, 5.10 and 6.10 p.m., second term.
- 141-42 *Torts* (4) Van Vleck
 Beale's edition of Ames and Smith's Cases. Daily except Saturday, 5.10 and 6.10 p.m., first term.
- 241-42 *Real Property II* (4) Benson
 Kirkwood's Cases on Conveyances; Mechem and Atkinson's Cases on Wills and Administration. Daily except Saturday, 5.10 and 6.10 p.m., first term.
- 261-62 *Trusts* (4) Moll
 Scott's Cases on Trusts, 2d ed. Daily except Saturday, 5.10 and 6.10 p.m., first term.
- 311-12 *Business Associations* (4) Davison
 Warren's Cases on Corporations. Daily except Saturday, 5.10 and 6.10 p.m., second term.
- 323-24 *Equity III* (4) Spaulding
 Ames' Cases on Equity, vol. 2; Pound's Cases on Equitable Relief against Defamation and Injuries to Personality; Chafee's Cases on Equitable Relief against Torts. Daily except Saturday, 5.10 and 6.10 p.m., second term.

THE
GEORGE
WASHINGTON
UNIVERSITY

BULLETIN

Fourth Annual
Seminar-Conference on Hispanic-American Affairs
and Courses in Government

SUMMER SESSIONS 1935



WASHINGTON, D.C.

1935

GENERAL ANNOUNCEMENT

Because of its situation in the heart of the National Capital, The George Washington University is enabled to organize certain types of academic work which profit especially by the resources of the Federal Government and other institutions located in Washington. Particularly does this benefit apply to the work of the Center of Inter-American Studies, and to the work of the School of Government, which presents in the Summer Sessions of 1935 a wide variety of courses in History, Economics, and Political Science.

Under the Center of Inter-American Studies the special attention which has been given to the important field of Hispanic-American affairs will be continued in a fourth seminar-conference to be held this summer. The emphasis this year is centered on the colonial period of Hispanic-American history, with special emphasis upon those conditions which have affected modern life and institutions. This course offers to its members an exceptional opportunity to come into intimate contact with leading authorities in the field, and it has been so arranged that mutual views and opinions can be exchanged with maximum facility and answers to perplexing questions can be found.

The lectures in the seminar-conference will be given, as in the past, by distinguished experts from other institutions. The conference will meet two hours daily (from 9.40 to 11.30 a.m.), five times a week, for six weeks. The first portion of each period will be devoted to lectures and the last portion to informal discussions. Each student will be provided with reading references in the nature of detailed bibliographies covering the subject of each lecture. During the course each student will undertake a special research project, and at the conclusion of the conference a comprehensive examination will be held. Each student satisfactorily passing the course will be given four academic credits in either History or Political Science.

The seminar-conference is in charge of Dr. A. Curtis Wilgus, Director of the Center of Inter-American Studies in The George Washington University. The course this summer will be under the immediate supervision of Dr. James Alexander Robertson, editor of the *Hispanic American Historical Review*. All students desiring to join the seminar-conference should communicate with Professor Wilgus in advance of registration.

The Summer Sessions of the School of Government will be held as follows: nine weeks' term, June 10 to August 9; six weeks' term, July 1 to August 9. Registration day for the nine weeks' term is Monday, June 10, and for the six weeks' term, Monday, July 1.

SCHEDULE OF LECTURES FOR THE FOURTH ANNUAL
SEMINAR-CONFERENCE ON HISPANIC-AMERICAN AFFAIRS
UNDER THE AUSPICES OF THE CENTER OF INTER-AMERICAN STUDIES.

Lecture	Date	Subject	Lecturer
1	Mon., July 1...	Significance of Hispanic-American Colonial History.	James A. Robertson, <i>Editor, "Hispanic American Historical Review".</i>
2	Tues., July 2...	Geographical Background.....	Clarence F. Jones, <i>Clark University.</i>
3	Wed., July 3...	Geographical Background.....	
4	Fri., July 5...	Native Background.....	Philip A. Means, <i>Pomfret, Conn.</i>
5	Sat., July 6...	Native Background.....	
6	Mon., July 8...	European Background.....	Marie Madden, <i>Fordham University.</i>
7	Tues., July 9...	European Background.....	
8	Wed., July 10...	Conquest and Settlement.....	Arthur S. Aiton, <i>University of Michigan.</i>
9	Thurs., July 11...	Conquest and Settlement.....	
10	Fri., July 12...	Colonial Government.....	Lillian Fisher, <i>Oklahoma College for Women.</i>
11	Mon., July 15...	Colonial Government.....	
12	Tues., July 16...	Colonial Church.....	J. Lloyd Mecham, <i>University of Texas.</i>
13	Wed., July 17...	Colonial Church.....	
14	Thurs., July 18...	Colonial Society.....	Irving A. Leonard, <i>University of California, Berkeley.</i>
15	Fri., July 19...	Colonial Society.....	
16	Mon., July 22...	Colonial Intellectual Life.....	Cecil K. Jones, <i>The George Washington University.</i>
17	Tues., July 23...	Colonial Intellectual Life.....	
18	Wed., July 24...	Colonial Economic Life.....	Roland D. Hussey, <i>University of California, Los Angeles.</i>
19	Thurs., July 25...	Colonial Economic Life.....	
20	Fri., July 26...	Colonial International Relations.	John Tate Lanning, <i>Duke University.</i>
21	Mon., July 29...	Colonial International Relations.	
22	Tues., July 30...	Colonial International Relations.	
23	Wed., July 31...	The Revolutionary Era.....	Alfred L. Hasbrouck, <i>Washington, D.C.</i>
24	Thurs., Aug. 1...	The Revolutionary Era.....	
25	Fri., Aug. 2...	The Revolutionary Era.....	
26	Mon., Aug. 5...	The Revolutionary Era.....	
27	Tues., Aug. 6...	The Revolutionary Era.....	
28	Wed., Aug. 7...	The Revolutionary Era.....	
29	Thurs., Aug. 8...	The Histories and Historians of Colonial Hispanic America.	A. Curtis Wilgus, <i>The George Washington University.</i>
30	Fri., Aug. 9...	Examination.	

COURSES UNDER THE AUSPICES OF THE SCHOOL OF GOVERNMENT

In the courses listed below, those titles preceded by an asterisk (*) are in the six weeks' term, beginning July 1, and all others are in the nine weeks' term, beginning June 10. The numerals after the titles designate the amount of academic credit in semester-hours that each course carries.

Many courses offered by other departments in the Summer Sessions will be accepted for credit by the School of Government. A complete bulletin of information regarding the Summer Sessions will be sent upon request. For all information concerning work in the School of Government, address Professor Warren Reed West, Assistant Dean.

ECONOMICS

Principles of Economics (3-3), Sutton; *Business Organization and Control* (3), Owens; *Marketing* (3), Kennedy; *Principles of Transportation* (3), Kennedy; *Speculation, Business Forecasting, and Insurance* (3), Owens.

HISTORY

Ancient History (3), Kayser; *Modern European History* (3), Ragatz; *American History* (3), Churchill; **Intellectual Aspects of the Renaissance and Reformation* (2), Kayser; **Contemporary Europe* (2), Ragatz; **Canadian History* (2), Churchill; *Proseminar, History and Historians* (3), The Staff.

POLITICAL SCIENCE

Government of the United States (3), Martin; *State Government* (3), Johnstone; *Comparative European Governments* (3), Tillema; *Commercial and Maritime Law* (3), Tillema; **Administration* (2), Tillema; *American Diplomacy* (3), Martin; *The Far East* (3), Johnstone; **Seminar in International Law and Relations* (2), Martin.

THE
GEORGE
WASHINGTON
UNIVERSITY
BULLETIN

THEORETICAL PHYSICS



WASHINGTON, D.C.

1935

THEORETICAL PHYSICS

IN further development of graduate work in Physics at The George Washington University, Dr. George Gamow, formerly Research Physicist at the University of Copenhagen and later at the Institute of Mathematical Physics in Leningrad, came to the University last year as Visiting Professor in Physics.

This year Dr. Gamow will continue his work as Professor in Theoretical Physics, and Dr. Edward Teller will be Visiting Professor in Physics.

Dr. Teller, who has specialized in the structure of molecules, spent last year at the University of London, where he worked with Dr. F. Donnan, and prior to that was Rockefeller Foundation Fellow with Professor Bohr in Copenhagen.

In addition to the courses described on the following page, Dr. Teller will give a series of public lectures on the structure of molecules, a detailed announcement of which will be made later.

Dr. Gamow and Dr. Teller will participate, as did Dr. Gamow last year, in the work of the Washington Physics Colloquium by regularly conducting meetings of the Colloquium.

In April 1935 a small group of distinguished physicists in the field of Theoretical Physics were invited by the Carnegie Institution and The George Washington University to hold a conference in Washington. This conference was so successful that a second conference is planned for April 1936.

COURSES

- | | | |
|---------------|---|---------------|
| Physics 201-2 | <i>Fundamental Concepts of Modern Physics.</i> Prerequisite: Physics 114. Monday, Wednesday, and Friday, 5.10 to 6 p.m., room 105, Building H, 2029 G Street. | Gamow |
| Physics 203-4 | <i>The Structure of Molecules.</i> Prerequisite: Physics 114. Monday, Wednesday, and Friday, 6.10 to 7 p.m., room 105, Building H, 2029 G Street. | Teller |
| Physics 291-2 | <i>Seminar: Theoretical Physics.</i> Monday, 8.10 to 10 p.m., room 105, Building H, 2029 G Street. | Gamow, Teller |

These courses are open to graduate students only. Registration in them must be approved by the Physics Department by October 8.

For other graduate courses in Physics, see pages 288-89 of the current general catalogue of the University, a copy of which may be obtained from the Office of the Director of Admissions, 2033 G Street.

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THE
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WASHINGTON
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BULLETIN

THE DEPARTMENT OF PHYSICAL EDUCATION
FOR WOMEN



WASHINGTON, D C

1935

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FOUR-YEAR TEACHER-TRAINING COURSE FOR WOMEN LEADING TO THE BACHELOR OF SCIENCE DEGREE IN PHYSICAL EDUCATION

The purpose of this course is to prepare women for positions of leadership in the fields of Physical Education, Health Education, Recreation, and Adult Education. The curriculum is built upon the current philosophies and methods in education and includes courses in the biological sciences, professional training for physical education, practice teaching, and a broad range of academic subjects which provide the intellectual and social background essential for leadership.

The curriculum meets certification requirements of eastern States and provides for both a "single" and a "double" major. The latter prepares candidates to teach in another subject in addition to Physical Education.

The students enjoy exceptional opportunity for observation and practice teaching in Washington through its medical centers and clinics, recreation and playground centers, and public, private, and special schools.

Graduates are prepared to fill the following types of positions:

SCHOOL SYSTEMS

- Elementary schools
 - Junior and senior high schools
 - Junior and senior colleges
 - Public schools
 - Private schools
 - Schools for handicapped children
- ### CORRECTIVE-EXERCISE CLINICS
- Aids

RECREATION

- Playground directors
- Church recreation directors
- Camp counselors

ADULT EDUCATION

- Y.W.C.A.; community centers
- Resident employment schools
- Industrial, business, and department-store employee service



HOCKEY CONTEST BETWEEN CLASS TEAMS

OFFICERS AND STAFF OF INSTRUCTION

UNIVERSITY OFFICERS OF ADMINISTRATION

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
William Carl Ruediger, Ph.D., *Dean of the School of Education.*
William Crane Johnstone, Jr., Ph.D., *Dean of the Junior College.*

THE DEPARTMENT FACULTY

Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women;*
Director of Women's Athletics; Executive Officer.

Denison University, Ph.B.; Wellesley College, Graduate Department
of Hygiene and Physical Education; The George Washington
University, A.M.

Helen Bennett Lawrence, B.S., *Assistant Professor of Physical Education*
for Women.

New Haven Normal School of Gymnastics; Columbia University; The
George Washington University, B.S.

Maude Nelson Parker, *Lecturer in Physical Education for Women.*
Director of Women's and Girls' Activities, Department of Play-
grounds, D.C.

Ruth Aubeck Foster, B.S., *Instructor in Physical Education for Women.*
Central School of Hygiene and Physical Education; Columbia Uni-
versity, B.S.; student of the dance with Doris Humphrey, Charles
Weideman, Emily Hewlett, Gertrude Prokosch.



BASKETBALL



SOCCER GAME BETWEEN CLASS TEAMS

Helen Margaret Lea, A.M., *Instructor in Physical Education for Women*.
Ohio State University, A.B.; Wellesley College, Graduate Department
of Hygiene and Physical Education; German schools of Physical
Education: Hellerau, Gunther, Loheland; Columbia University, A.M.

Katharine Antoinette Chapman, A.B., M.D., *Associate University
Physician*.

The George Washington University, A.B., M.D.

Helen Taylor Hanford, A.B., *Rifle Assistant*.

The George Washington University, A.B.

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CURRICULUM

JUNIOR COLLEGE

FIRST YEAR

	Sem. hrs.
English Rhetoric	6
History, Political Science, or Sociology	6
Zoology	6
Physical Education Activities	2
Physical Education for the Elementary School and the Junior High School	3
Playground Administration	3
Elective courses (may be chosen in a second major subject)	6
Total	32

SECOND YEAR

Survey of English Literature or Types of European Literature	6
General Psychology	3
Educational Psychology	3
Mammalian Anatomy	3
Physical Education Activities	2
Methods of teaching in Danish Gymnastics, Apparatus, Swimming, Tennis, Field Hockey, Archery, Golf, Basketball, Baseball, Soccer, Track, Folk and Clog Dancing, Modern Dance	0
Kinesiology	3
Elective courses (may be chosen in a second major subject)*	8
Total	34

SCHOOL OF EDUCATION

THIRD YEAR

History and Principles of Education	3
Technique of Teaching	3
Physiology	3
Therapeutic Gymnastics and Physical Examinations	6
School Health Administration	3
First Aid to the Injured	1
Continuation of Teaching Methods in Physical Education Activities	6
Camp Leadership	1
Elective courses (may be chosen in a second major subject)	6
Total	32

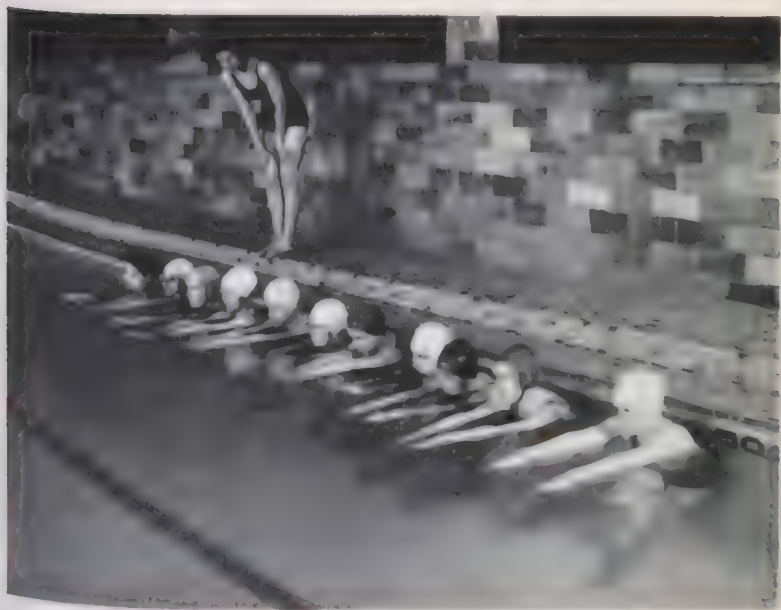
FOURTH YEAR

Observation and Practice Teaching in Washington Schools	0
Secondary Education	1
History and Principles of Physical Education	3
Organization and Administration of Physical Education	3
Continuation of Teaching Methods in Physical Education Activities	4
Advanced Therapeutic Gymnastics	2
Tests and Measurements in Physical Education	2
Elective courses (may be chosen in a second major subject)	0
Total	32

* Students who have not presented Chemistry for admission must take General Chemistry.

In addition to courses included in the foregoing curriculum, the Department of Physical Education for Women offers a seminar course for graduate students, *Current Problems in Physical Education*, carrying six semester-hours of credit, which comprises a survey and evaluation of current trends and a study of published researches in the field.

For a more complete description of the courses of instruction, and for information concerning admission, registration, and fees, see the general catalogue of the University, which may be obtained upon request from the Director of Admissions, The George Washington University, 2033 G Street NW., Washington, D.C.



SWIMMING CLASS

THE GEORGE WASHINGTON UNIVERSITY

1821

The Junior College

1930

Columbian College (the Senior College)

1821

The Graduate Council

1893

The School of Medicine

1825

The Law School

1865

The School of Engineering

1885

The School of Pharmacy

1906

The School of Education

1907

The School of Government

1928

The Division of University Students

1930

The Division of Library Science

1928

The Division of Fine Arts

1928

The Center of Inter-American Studies

1934

The Summer Sessions

1916

The University Hospital

1898

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"In these days when many mooted social and economic questions are confronting a student body it is well to have some means of arriving at personal conclusions after a full discussion of such problems. . . . The Union ought to meet this need."

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WASHINGTON NEWS—

"The Union will supplant the old-fashioned debating society."

WASHINGTON POST—

"The three - party system should serve admirably for the discussion of national issues in a student union."

Washington, D. C.

1936

THE GEORGE WASHINGTON UNION

WHAT IT IS . . .

The George Washington Union is the political voice of the student body of the George Washington University. A representative forum of 101 delegates elected annually from our number, the Union is dedicated to the discussion of the national policies of the United States in a manner which reflects fairly all aspects of university opinion on these questions.

It uses the unparalleled facilities of our situation in the Nation's Capital to provide at the same time a testing laboratory for social ideas and a mechanism for acquiring experience in politics, parliamentary procedure, and group leadership. Although its opportunities for individual development are great, its emphasis is not upon personality but on policy.

HOW IT DEVELOPED . . .

The George Washington Union developed out of the need to render articulate the increasing public consciousness of the college man and woman—particularly those students who come from all sections to pursue their education at Washington.

Early in January 1935, a group here realized that the sporadic attempts of undergraduates to express themselves on public questions were in no way a true representation of the whole body of student opinion. At the same time a long-needed interest in governmental matters on the part of a large number of students was apparent. A committee worked throughout the spring and summer to devise an institution which would permit the expression of this interest.

The George Washington Union was the result of their planning. In the ancient Unions at Oxford and Cambridge and in the more recent organization at Yale, it has its honored precedent.

The idea was hailed as a potent educational development by both the university and the city press. But the creation of such a body on a large scale here was not a simple matter. It was possible, however, to introduce the idea, explain the method to the undergraduate body, and to secure its acceptance voiced in a vote of 1,465 in the first election last November.

The establishment of the Union did not take place without heated battles on the Constitution of the organization, battles so vehement in nature that the Party of the Left withdrew its membership on the eve of the elections, to be reinstated later when it became apparent that the Union ideal of fair representation of all student points of view was to be maintained.

In the elections of November 15, the Center Party captured 55 seats, the Left 24, and the Right 22.

THE GEORGE WASHINGTON UNION

HOW IT FUNCTIONS . . .

Accepting the tripartite division universally existing in political thought, the Union operates on a three-party system—Right, Center, and Left. As the names indicate, party doctrine is not fixed, but relative—the Right maintaining the more conservative position, the Center the moderate stand, and the Left advocating a philosophy of a more thorough and drastic change in the national set-up. (The political credos of each party are set forth more completely on pages 5-7.)

Each party, in a convention held early in the school year, declares its platform on current issues. On **October 15 and 16**, general election days, the university registers its division on these three programs by voting for the parties on the Automatic Voting Machines provided.

The results of the poll announced, seats are assigned to the parties according to a proportional representation arrangement. Each party fills its quota by election from its membership.

The body thus chosen then proceeds in its monthly open sessions to legislate, under the gavel of a President chosen by the student electorate, upon timely problems. Neutrality, agricultural relief, teaching of communism, unemployment insurance, public ownership, are a few from the agenda of the last Union session.

A committee system similar to the one used by the United States Senate directs the legislative process. Membership on each committee is allotted to the parties on the basis of their respective Union strength.

THE GEORGE WASHINGTON UNION

HOW TO PARTICIPATE . . .

To the party of his choice, every George Washington student may belong, simply by registering at one of the desks outside Corcoran and Stockton Halls. Cards are provided for those who wish merely to indicate their interests in the project as a whole and to decide their party affiliations later. Other cards are provided for those whose party decision is already made.

Every George Washington student may participate in one of the three conventions, to be announced fully in the University Hatchet, take part in the nomination of his party's slate of candidates for Union seats, or perhaps be one of these himself, assist in the campaign for the confidence and votes of the campus at large, and cast his vote on election day, October 15 and 16.

Those who are not seated in the Union continue their activity as constituent party members through their voice in the regular party caucuses for the determination of policy and the instruction of delegates.

.

It is a tribute to the strength of the Union's purpose that it survived both its assailants and doubters and enjoyed a year of sustained activity in the realm of public affairs. As a reading of its record and legislation will show, its first year's history is one of achievement. Every student with something to say has had an opportunity to say it, and the even more valuable opportunity to defend it against able opposition.

This is in some measure the realization of the Union ideal. This is what the Union proposes to preserve and develop. This is what the George Washington Union offers to **you**.

THE GEORGE WASHINGTON UNION

PARTY OF THE RIGHT

Its Philosophy:

The Party of the Right believes that the competitive profit system is better for the entire nation than its alternatives, fascism or socialism. Therefore it feels that government should encourage legitimate profits but that it should prohibit speculative profits, which tend to break down the national economy. Government must not institute price fixing or production quotas; rather, the free market and a sound monetary system must determine production and distribution. Any government measure which will further these objectives, the Party favors. Likewise it favors government action wherever the system is deficient—social security, conservation, etc., or where monopolistic practices impede natural economic processes. Labor must have a free choice in organizing to build its bargaining power. Agricultural prices must be on a par with industrial prices, not by raising the former but by lowering industrial prices, thereby distributing the benefits of increased real income to the entire consuming public.

When government works contrary to these objectives, it leads to communist action and fascist reaction, and forces an inevitable choice between the two dictatorships. Capitalism is a dynamic system, and the Party welcomes change, but only through the ballot, which must be preserved. This cannot be done under any planned economy, the very essence of which is rigidity and forced conformity with the plan.

THE GEORGE WASHINGTON UNION

PARTY OF THE LEFT

Its Philosophy:

The Party of the Left accepts as its philosophy the basic principle of social ownership and democratic operation of industry, public utilities, and natural resources.

It believes that the old academic defenses of the present economic system have been destroyed by the relentless consolidation of industry (R), and the growth of selfish economic collectivism (C). It firmly rejects the concept of laissez-faire as an outworn belief, and believes that government regulation, or corporation control, precipitates and proves the worst evils of private profit and speculation. It feels that regulation is no answer to maldistribution of wealth, recurring crises, poverty, and unemployment. The party seeks deeper understanding of our problems so that intelligent changes can be made.

Leftists believe in planning our productive capacities and distributive facilities so that the whole people are benefited, and an ever higher standard of living is achieved.

The Party of the Left affirms its faith in democracy and believes the extension of the democratic process into industrial areas formerly ruled by economic autocracies is to the best interest of the American people. The Party abides by the principles of the Declaration of Independence and the Bill of Rights in the Constitution. The party insists that it is fatal to extend the arbitrary dominion of men over men beyond the barest limit necessary for their coordination.

The Party of the Left is aware of those forces making for international and internal conflict. It supports labor in its struggle to organize and prevent its own destruction through war, either civil or international.

The Party believes that intelligent cooperation in the use of the world's wealth will bring about the abolition of poverty and international distrust, and the realization of peace, economic and political freedom, brotherhood, and abundance.

THE GEORGE WASHINGTON UNION

PARTY OF THE CENTER

Its Philosophy:

The Party of the Center favors an adequately centralized government with federal regulation as an inherent part of its philosophy. It believes that the realities of concentration of control in private enterprise must be faced honestly by the delegation of sufficient power to the national government to allow it to exercise needed control over the productive and distributive facilities of industry and commerce. It stands opposed to the extremisms of complete public ownership and of unrestricted "let-us-alone" economics because it cannot logically envision the philosophy of either operating within a democratic state. To the Centrist it is as evident that political and economic democracy are of equal importance as it is apparent that they are attainable only through the route of the effective co-operation of business and government.

The Party of the Center dedicates itself then to a program of progress designed to maintain the tenets of democracy and of extended governmental control; that it will achieve these ends without the dangers of political autocracy and inefficiency on the one hand or of punitive reform and of extreme wealth concentration on the other, it pledges its delegates to the Union.

ACKNOWLEDGMENTS

Automatic Voting Machine Corporation

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SUMMARIES OF DOCTORAL THESES
1934-36

PREFATORY NOTE

This number of the University Bulletin contains summaries of the theses which have been accepted during 1934-36, inclusive, in part satisfaction of the requirements for the degrees of Doctor of Philosophy and Doctor of Education at The George Washington University. The original theses are filed in the University Library, where they may be consulted by students interested in examining the complete texts.

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SUMMARY OF THESES SUBMITTED FOR THE
DEGREE OF DOCTOR OF PHILOSOPHY

1934-36

CERTAIN ECONOMIC ASPECTS OF THE BOULDER DAM PROJECT

By ARLIN REX JOHNSON¹

Economic planning is comparatively new—it is an evidence of maturity; but planning on the physical basis is particularly new. Large-scale coordinated and socialized development of natural resources is the new emphasis. This recognizes that frontiers are largely nonexistent, and that planned and deliberate husbanding of resources in an effort to extend the community spirit by eliminating estrangement between areas is of national concern. The erstwhile period of exploitation of natural resources is being supplanted by one of adaptation resulting from analysis looking toward planned use.

Boulder Dam development attracts attention to the Colorado River, the greatest undeveloped resource in the Southwest, and the sole water supply of an arid empire comprising 242,000 square miles. In proper sequence the Colorado River combines for complete use a large quantity of water, a great concentration of fall, reservoir sites for flood and silt control, sites for power plants, and hundreds of irrigable acres below these sites where agricultural use may be made of the water.

The various States approached water problems individually, and the conception of a division of water as between the two basins, instead of an apportionment among the individual States, was not an immediate development. The crystallization of issues was a slow process, and emerged in the form of the Colorado River Compact, signed November 24, 1922. The Compact between six of the seven interested States (Colorado, Wyoming, Utah, Nevada, California, and New Mexico) marks a new era in the handling of those regional economic-geographic problems incapable of exclusive treatment through regularly constituted Federal or State agencies. The Compact did not project a plan for the river's development on the most economical grounds, but upon the necessity for satisfying selfish state interests. All States except Arizona were satisfied.

The Colorado Basin area is an example of lack of coordination between potential and actual availability of electrical power. The concentration of 78.6 percent of the population on 19 percent of the land (54.6 percent on 1.09 percent of the land) accounts in part for the lack of use of the potential power available. Only by socializing the power and other resources can maximum use be accomplished.

¹ B.S. 1924, Brigham Young University; A.M. 1931, The George Washington University; Ph.D. conferred February 22, 1935.

Boulder Dam construction is predicated on the assumed need for relief from floods and domestic water shortage in a relatively small geographic area. Repayment of the \$165,000,000 construction fund provided by Congress (plus the cost necessary to carry water to Los Angeles) has been contractually assumed by Los Angeles through revenues to be derived from the sale of electrical energy. Her ability to meet the cost burdens is questionable unless (a) the industrial activity in the Los Angeles area is increased sufficiently to care for a greatly augmented population; and unless (b) there is accelerated activity in the tapping of new markets to utilize the resources, the harbor facilities, and the power available.

Flood control is necessary, but water and power needs in Los Angeles are questioned. The 1900-1930 acceleration in population growth in southern California has ceased; there is slight possibility of exportable surpluses elsewhere, due to the general flattening of the population curve. The average age of persons in the Los Angeles area is consistently in the higher age brackets, suggesting that Boulder Dam cost will not be absorbed—there will be an older, more conservative, and decidedly smaller population than was anticipated.

Oil and gas costs in the Los Angeles area are at present lower than hydroelectric, so demand may not be forthcoming for Boulder Dam power; also there are efficiencies in fuel-engine design, etc., which are favoring fuel power as against hydro. In addition, it is doubtful if population for a century will there reach the seven million persons to whom water and power will be available; but the amortization costs of two hundred million or more dollars will not wait for such a period. It seems impossible that existing population can absorb the cost, so defaulting will be a logical result of the overexpansion now being engaged in.

Conservation is one of the devices suggested for conserving the water of the Colorado River. Although politically furthered, the magnitude of the project is one which warranted careful long-range economic planning. The greatest reservoirs in the world are the Assuan of Egypt, with 1,865,000 acre-feet capacity, and the Elephant Butte Dam in Montana, with 4,410,000; the storage resulting from Boulder Dam will be not less than 24,000,000 acre-feet. This is possible because of the favorable geographic factors present in this area. It has been authoritatively agreed that from 4,000,000 to 8,000,000 acre-feet of water storage would care for the flood hazards, so the additional storage is for other purposes more socialized.

Through perfecting old developments and completing worthy reclamation projects, the Colorado River Basin might readily offer an opportunity for a more balanced development; hydro-electric power on a vast scale might be applied to farms and farm homes, and decentralized industries; land will be used selectively so that crops will be produced

where they can best be grown; and cooperative marketing will be extended to link successfully the local farmer with his remote consumer.

Boulder Dam power will create an electrical surplus in the Los Angeles area. Two-thirds of Boulder Dam power will directly compete with existing power facilities. There is questioned the economy of such a situation; only by a broad socialization of the project can this be warranted.

Current effort to increase electrical consumption through forced rate reductions is only indirectly applied to the Colorado River Basin area. There is much to criticize in the current practice of setting up duplicate "yardstick" power services when there is but slight utilization of existing plant capacity. It would seem better to attempt maintenance of the average power revenue to existing utilities by making available to present users more power at the present total cost, thus increasing the power load to more nearly existing plant capacity.

The broad social benefits of electricity call for its availability not only to Los Angeles, where existing contracts concentrate its ultimate use, but to the rural population in at least those areas contiguous to the dam. Personal contact with residents in the rural towns of southern Utah clearly indicates an "electric consciousness" and possible expanded power use if existing rates were reduced. It is urged that the 18 percent electrical allocation made to Nevada be reconsidered so that towns in southern Nevada and southern Utah may be the recipients—otherwise it cannot be used; Nevada cannot absorb it.

Boulder Dam construction will result in Government production of hydroelectric power. Previous power developments on reclamation projects have been incidental to the irrigation provided. This is not a reclamation, but a power project, and should be called by its proper name. Before other irrigation projects are fostered there is imperative need for (a) a definite power policy and (b) a definite irrigation program, not only for single States but for all States along western rivers.

The Colorado River Basin is not a geographic unit—two definite areas exist. Throughout the basin is a dominance of agricultural interests, with highest values occurring in the lower basin; mining is important in the upper basin. What is needed is not a mere cataloging of the resources of the two areas, but an intensive study of the economic feasibility of marketing these resources under competitive conditions.

Exaggeration of both needs and resources was evident in considerations of Boulder Dam. Changes since 1920 clearly indicate that Los Angeles far overestimated her domestic water and electric power needs; also that States in the upper and lower basins overestimated the amount of water required by them—at least economic costs have been excluded. The Colorado River supplies water for approximately 1,450,000 irrigated acres in four upper-basin States. Notwithstanding this, these States

demanding water rights for 5,000,000 acres when it is estimated there are only 2,750,000 acres potentially irrigable—even at a water cost of over \$200 per acre.

Boulder Dam will provide no irrigation facilities for the upper basin; however, Boulder Dam determines future use. The satisfaction of irrigation needs depends on future allocation of the water awarded to the arbitrarily designated basins, each receiving 7,500,000 acre-feet annually, to be used in methods later to be determined. Such determination can be made only after intimate economic analyses.

Economic development is here largely without plan or pattern, except that which inevitably arose out of the blind interplay of economic forces when the only national interest was to get public lands quickly into private hands. This exploitation period is over. If economic planning becomes operative in the area, the inevitable result will be a supplanting of much of the individualism of the past.

Recreation is one of the most important intangible "industries" of the area. If public lands of unusual physiographic features were here made the nation's playground, there is little doubt that the millions expended for administration and maintenance, and that spent by the traveling public, would contribute greatly to the economic development of the whole area, and even more important, that the contribution of the area to the country would be considerable in an indirect economic way, even though the net gain to national income would be questionable.

Public policy should aim at that ownership and use of land which will best serve general welfare rather than mere private advantage. Land classification will doubtless designate increased portions of the Colorado River Basin area as best devoted to recreational use.

Boulder Dam is the "bellwether" in a succession of proposed projects on the Colorado. Involved as the area is in the planning now in vogue, certain economic benefits will accrue to the population throughout the area. Does this first development harmonize with the plan for a more complete utilization? Is it economically expedient in the narrow sense that the wealth to be created promises to justify the expense involved? Without detailed analysis, no safe answer can be made to such queries. The strict economic test should be applied without relation to State lines. No detailed analysis is available, a situation somewhat anomalous, since such investigations should have preceded this vast expenditure of public funds.

The project is economically expedient if it is agreed that the project is self-supporting—if one concurs in the optimism displayed by California sponsors of the project in their "statements of fact." There is much uncertainty in these mere estimates, all of which have tended toward extreme optimism.

The \$38,000,000 All-American Canal will add 450,000 new acres to

those already producing; but these comparatively few acres in Imperial Valley could have only minute effect upon any agricultural situation. Development will come later, along with supposed increased urban population in southern California.

The All-American Canal is economically feasible if the lands benefited are able to absorb the expense of constructing the canal. Evidence on that point seems inconclusive, but the increased per-acre cost from about \$40 to \$135 adds questionable aspects to the economy of the canal. Imperial Valley farmers have not been able, to date, to cover the interest charges on existing bonded indebtedness!

Contemplated lower-basin development may result in some of the upper-basin States being economically injured. For example, coal will be largely displaced by hydroelectric power, and the coal areas in the upper basin may suffer retrogression like other mining industries have experienced. Possibly the most that can be said for the upper-basin States is that the interstate compact activities preceding Boulder Dam construction resulted in safeguarding the water rights of States in whose borders most of the water originates. Their economic future may have been partially preserved, but it is difficult to agree that any immediate and specific economic results will accrue to the benefit of States other than California until there is regional coordination, planned intimately on the natural resources.

The livestock industry is of continued importance to the area; but the effectiveness of grazing is limited by the lack of balance between winter and summer food supplies, and by lack of uniformity in state systems of leasing land to private individuals and corporations. The dependence upon public domain for livestock grazing calls for close State-Federal administrative cooperation. This cooperation is complicated by the widely varying types of land ownership in the basin.

Mining is a basic industry, and mineral resources are tremendous; but there is necessary an economic study of the possibility of local use of electricity for the processing of minerals for the general welfare of the country. Socialization is worthy of broad consideration.

Increasing water use in Mexico adds international difficulties; a controlled water flow below Boulder Dam will assure maintained use of some lands on both sides of the international boundary; but satisfaction of Mexico's increased demands may not be possible. It would be difficult to prove, however, that the application of water more cheaply to Mexican lands is uneconomic. These lands, farmed mainly under absentee ownership in very large units by cheap labor, add social problems.

Boulder Dam is a distinct victory of the urban over the rural. Its costs are beyond evaluation at this time, but their repayment may well be questioned. Indirectly it is the result of various demands related to water—by those who sought protection from the devastating aspects of

the Colorado River, and by those who sought protection to their rights to beneficial use of the fluctuating quantities of water. In the latter connection, involved water rights were protected in the interstate compact. A coordinating aspect was injected—the “policy” of governmental utilization of a natural resource to produce hydroelectric power, the power being designed to reimburse the Government for the total costs of the project. Boulder Dam power will in reality not be a “yardstick”, as rates are to be revised at the end of 15 years and each 10 years thereafter.

Widespread criticism of reclamation solely on the basis of national subsidy or of additional surplus of agricultural products is not well founded. Existing projects are being amortized; also it is true that products therefrom are not surplus-producing, but projects usually are producers of specialty crops. Future reclamation in the area will need continued subsidy, so it is imperative to determine, through intimate analysis, if the resulting acres and products are capable of absorbing the costs incident to each project. It is necessary that every future reclamation project be prefaced by careful surveys of economic feasibility, to assure dependable correlation between character of soil, rainfall, growing season, crops to be produced, available markets, trends in consumer demands, etc. In the case of expenditure of Federal funds there should be a national benefit as well as an individual and regional benefit. This will be immediately realized not through a consideration of small local areas, but of each project in relation to the broad farm problem and the whole water use in the area. This will probably result not in new reclamation projects but in the completion of some existing ones and the perfection of old developments.

The economic destiny of the entire Colorado River Basin is predicated upon the nature of future local, national, or international demands for those primary products of which there appears to be an almost inexhaustible local supply.

The multiplicity of economic and social interests involved in the 242,000 square-mile area call for coordination of activities. There needs be created a COLORADO RIVER AUTHORITY, representing States regionally bound together because of physical surroundings and historical background, with broad powers of planning and execution, based on intimate studies. This Authority—composed largely of persons competent in training and point of view to appraise the human values involved—would vindicate the economy of planning, and would result in the furthering of projects because of economic and social satisfactions. With the executive officer of each State planning board as an ex-officio member of such an Authority, the activities of States would be vitalized. An executive secretary should be the liaison officer between the States and a national coordinating agency. As its burdens become heavy, masters may be utilized to hold hearings and formulate findings of fact with which

to implement the Authority. Some controversial economic issues are imperatively in need of effective settlement. This settlement may best be effected after the proposed Authority has concerned itself with a detailed long-range study of the economic and social interests involved.

The whole situation illustrates a difficulty inherent in regional projects, namely, that of compromising broad economic and social interests with **selfish interests of existing political units.**

The process by which the project has come into being is not edifying. Seldom, however, has a project had to stand up under such a mass of criticism, and justify itself in the face of so much prejudice, special interest, and inertia. Legislating politicians, unlike economists, are not privileged to indulge in mere study and analysis; they must choose, for better or for worse. On the evidence available it would be difficult to deny that it represents a reasonable solution of the social problems presented; but without an interpreted point of view as to how far the project is to be socialized, it is felt that in its economic aspects it is opposed to older "sound public policy", since it probably will be amortized at public expense. However, a new interpretation of public benefit and public policy is in the offing and may be basic to a new evaluation of the project.

The project justifies itself primarily as a turning to account of undeveloped sources of wealth. It lends itself as a fruitful experiment in public enterprise in the power industry, and "illustrates in full complexity the operation of a new technique in government." Regional problems necessitating cooperative action or contractual relations between the various units of government—Federal, State, and municipal—have a precedent here. It is to be supposed that this technique of government will prove essential and desirable in dealing with such questions as the control of the power industry. No terms in the familiar vocabulary of American government or of American business exactly fit the issues presented by Boulder Dam. It is an experiment in creative political action, with implications that the socio-economic "experiment" will be carried far beyond existing designated areas.

NORTH AMERICAN MONOGENETIC TREMATODES

By EMMETT WILLIAM PRICE¹

In the present paper the writer has brought together descriptions of North American representatives of the monogenetic or ectoparasitic trematodes. Specimens of the majority of the species were in the collections of the United States National Museum, the greater part of them having been collected by Dr. G. A. MacCallum at the New York Aquarium and at the Bureau of Fisheries Laboratory in Woods Hole, Mass. Specimens of species not available in the Museum collections were either loaned or donated to the writer by the various collectors. In all but a few instances the type specimens were available and the redescrptions given in the paper were based on this material. Except for three species, representatives of the families Onchocotylidae and Microcotylidae were not included, since in order to establish the validity of some of the forms it would require a study of the European representatives of these families; such a study has been postponed until a later date.

In addition to redescrbing the known North American forms, eight new indigenous species and one new exotic species have been described, and two exotic species have been redescrbed. The inclusion of exotic species in a paper restricted to North American forms was necessary in order to be able to differentiate the indigenous species from those occurring in other parts of the world.

The North American representatives of the order Monogenea were found to be so varied that it was necessary to revise, more or less extensively, the classification of the order. Several new genera, subfamilies, families, and superfamilies were necessary to secure proper coordination. Diagnoses for all groups, including genera, have been given and keys prepared for the separation of these groups. Keys have been prepared also for the separation of species in all genera, containing indigenous species, except *Dactylogyrus* and *Udonella*.

The writer has recognized the suborders Monopisthocotylea and Polyopisthocotylea as proposed by Odhner, but failed to find any adequate reason for recognizing the suborders Monopisthocotylea and Monopisthodiscinea which were proposed by Fuhrmann (1928), these suborders having been formed by splitting the first of Odhner's suborders; they have been regarded in this paper as equivalent in value to superfamilies, and for these groups the names Gyrodactyloidea Johnston and Tiegs and Capsaloidea new superfamily have been used.

¹ D.V.M. 1918, The George Washington University; M.S. 1921, American University; Ph.D. conferred February 22, 1935.

In the Gyrodactyloidea, Bykowsky's family Dactylogyridae has been regarded as distinct from the Gyrodactylidae. A new subfamily, Bothitrematinae, for *Bothitrema* n. gen. (type *B. bothi* [MacCallum]) has been included in the Dactylogyridae. The subfamily Diplectaninae Monticelli has been revived, since the genus *Diplectanum* Diesing and related genera are unquestionably distinct from *Ancyrocephalus* and its related genera, contrary to the belief of most recent writers.

In the Capsaloidea, a new family Acanthocotylidae has been erected for the genera *Acanthocotyle* Monticelli, *Lophocotyle* Braun, and *Enoplocotyle* Tagliani, these genera having characters intermediate between those of Monocotylidae and Capsalidae. A new subfamily, Loimoinae, has been erected for *Loimos* MacCallum and placed in the Monocotylidae instead of in the Udonellidae; this genus is aberrant but the presence of hooks on the posterior haptor of the type species eliminates it from the Udonellidae. Two new genera have been proposed for species of Monocotylidae, namely, *Tritestis* for *Monocotyle ijimae* Goto and *Dasybatotrema* for *Monocotyle dasybatis* MacCallum. *Trionchus* MacCallum has been shown to be a synonym of *Monocotyle* Taschenberg, the type *Trionchus dasybatis* MacCallum being identical with *Monocotyle minima* (MacCallum). The genus *Dionchotrema* Johnston and Tiegs is made a synonym of *Dionchus* Goto, since the character on which the genus was based was found not to exist.

A new family name Microbothriidae has been proposed to replace Dermophagidae MacCallum and Labontidae MacCallum, as *Labontes* MacCallum, a genus replacing *Dermophagus* MacCallum (preoccupied), was found to be a synonym of the earlier genus *Microbothrium* Olsson; the species *Dermophagus squali* MacCallum and *Philura orata* MacCallum were found on examination of the type specimens to be identical with *Microbothrium apiculatum* Olsson. The genus *Leptocotyle* Monticelli (Microbothriidae) was found to antedate *Paracotyle* Johnstone, and *Anoplodiscus* Sonsino, previously included in the Monocotylidae, has been transferred to the Microbothriidae.

In the Udonellidae, *Lintonia* Monticelli was shown to be a synonym of *Udonella* Johnston, the type, *Lintonia papillosa* (Linton) (syns., *Nitzschia papillosa* Linton and *Udonella socialis* Linton), possibly being identical with *U. caligorum* Johnston.

Trochopinae has been proposed as a new subfamily in the Capsalidae for *Trochopus* Diesing and *Macrophyllida* Johnston, and *Megacotyle* Folda has been suppressed as a synonym of *Trochopus*. *Acanthocotyle squatinae* MacCallum has been found to belong to the genus *Trochopus*.

In the Capsalinae, the genus *Capsala* Bosc has been subdivided into three genera, *Capsala* Bosc, *Tristoma* Cuvier, and *Calsaloides* n.g. *Capsala martinieri* Bosc has been shown on the basis of circumstantial evidence to be identical with the later and better known *Tristoma molar* Blanchard,

T. coccineum Cuvier is regarded as identical with the later *T. papillosum* Diesing, and *T. coccineum* of authors, a distinct species from *T. coccineum* Cuvier, takes as a name the oldest available synonym which is *T. integrum* Diesing.

The most extensive revision necessary was in the suborder Polyopisthocotylea Odhner. Two new superfamilies, Polystomatoidea and Dielidophoroidea, have been erected, and a new allocation of genera in the latter superfamily has been necessary.

In the Polystomatidae, Poche's family Sphyranuridae has been reduced to subfamily rank, and the subgenus *Polystomoides* Ward has been elevated to generic rank. The number of species in the genus *Polystomoides* has been reduced. *Polystoma opacum* Stunkard, *P. megacotyle* Stunkard, *P. microcotyle* Stunkard, *P. albicolle* MacCallum, and *P. digitatum* MacCallum are all regarded as identical with *Polystomoides coronatus* (Leidy); *Polystoma stunkardi* Harwood is a synonym of *Polystomoides multifalx* (Stunkard); *Polystoma hassalli* is identical with *Polystomoides oblongus* (Wright); and *Polystoma oblongum* of Leidy, *P. troosti* MacCallum, *P. inerme* MacCallum, *P. elegans* MacCallum, *P. spinulosum* MacCallum, *P. aspidonectes* MacCallum, and *P. floridanum* Stunkard all appear identical with *Polystomoides orbiculare* (Stunkard), the differences between the various forms being chargeable to age, individual variation, and to errors in technique.

In the family Onchocotylidae, none of the species except *Diclybothrium armatum* (Diclybothriinae, n. sf.) was considered. *Diplobothrium hamulatum* Simer is considered as a synonym of the European *Diclybothrium armatum* Leuckart (syn., *Erpocotyle circularis* Linstow).

The superfamily Dielidophoroidea has been divided into five families, Dielidophoridae Fuhrmann, Discocotylidae n. fam., Microcotylidae Taschenberg, Mazocraeidae n. n., and Hexostomatidae n. fam., on the basis of the organization of the cuticular framework of the haptor and suckers, this character having been found to be correlated with other characters to such an extent as to be a more reliable criterion of family relationship than the number of suckers, shape of the haptor, or other characters previously used.

The most generalized structure of this framework is found in the representatives of the Dielidophoridae and the simplest in the Hexostomatidae, there being eight pieces in the framework of the former and three in the latter. This change seems to have occurred through reduction in size and number of certain pieces and possibly through fusion of others.

The family Dielidophoridae as used in this paper includes the genera as given by Fuhrmann (1928) as well as some genera which he included in the family Octocotylidae. *Dactylocotyle* (= *Dactycotyle*) has been found to be antedated by *Dielidophora* Diesing, and *Dielidophora* of authors is equivalent to *Choricotyle* Beneden and Hesse, both having characters

essentially identical. *Thoracocotyle* MacCallum has been placed in the new subfamily Thoracocotylinae and referred to the family Diclidophoridae, instead of to the Microcotylidae where it was placed by Fuhmann. The genus *Cyclocotyla* Otto has been revived, and *Diclidophora cynoscioni* MacCallum and *D. affinis* (Linton) have been transferred to the genus *Heterobothrium* Cerfontaine.

A new family Discocotyliidae, with two new subfamilies, Discocotylinae and Anthocotylinae, has been erected to contain the genera *Discocotyle* Diesing, *Octomacrum* Mueller, *Valliria* Perugia and Parona, *Diplozoos* Nordmann, and *Anthocotyle* Beneden and Hesse.

In the Microcotylidae, a new genus, *Bicotylophora*, has been proposed for *Dactylocotyle trachinoti* MacCallum. The family Protomicrocotylidae has been reduced to subfamily status, since a study of the original specimens has shown that *Protomicrocotyle mirabile* (MacCallum) (syn., *Acanthodiscus mirabile* MacCallum) is a microcotylid and not sufficiently different from representatives of the other microcotylid genera to warrant family rank.

The new family name Mazocraeidae has been proposed to replace Octocotyliidae Monticelli (syn., Octobothridae Monticelli), since the type species of *Octobothrium* Leuckart (syn., *Octocotyle* Diesing) is identical with the type of the earlier genus *Mazocraes* Hermann. A new genus *Mazocraeoides* has been proposed for a new species, *M. georgi*, from *Pomolobus pseudoharengus*. This species is similar to species of *Mazocraes* but the posterior haptor is not distinct from the body proper and consists of four pairs of suckers which extend from the anterior pole of the deeply lobed testis to the posterior end of the body, each pair of suckers being equidistant from the other pairs; there are three pairs of terminal hooks, those of the outer pair being the largest. Other genera referred to this family are *Ophicotyle* Beneden and Hesse, *Grubra* Diesing, *Phyllocotyle* Beneden and Hesse, and *Plectanocotyle* Diesing.

The genus *Hexostoma* Rafinesque (syns., *Hexacotyla* Blainville, *Hexacotyle* Blainville, and *Plagiopeltis* Diesing) has been made type of the new family Hexostomatidae.

This paper is prefaced by a short historical summary and a general discussion of the morphology of the Monogenea; a bibliography and 39 plates are appended.

OBSERVATIONS ON THE LIFE HISTORY OF *TOXOCARA CANIS* AND *TOXASCARIS LEONINA*, AND THE INFLUENCE OF ENVIRONMENTAL FACTORS ON THEIR DEVELOPMENT

By WILLARD HULL WRIGHT¹

This paper contains a description of the ascarid roundworms, *Toxocara canis* and *Toxascaris leonina*, and offers data which indicate that these two species of parasites are of frequent occurrence in dogs in many localities. Evidence presented sustains reports of a difference in incidence in dogs of different ages; *Toxocara canis* is the species found most frequently in dogs under six months of age, whereas *Toxascaris leonina* occurs most frequently in dogs over six months of age.

The paper presents, in detail, experimental evidence concerning the influence of certain environmental factors on the development of the ova of these parasites and on the development of the parasites in the host. The life history of the parasites has been worked out in detail and the paper contains descriptions and figures of the larval stages. The following summary and conclusions have been derived from the experimental work reported in the paper.

At a temperature of 30° C. (86° F.), ova of *Toxocara canis* in an atmosphere saturated with moisture contain ensheathed or infective embryos five days after culturing. The ova of *Toxascaris leonina* develop more rapidly and contain infective embryos three days after culturing.

At a temperature of 37° C. (98.6° F.), in an atmosphere saturated with moisture, ova of *Toxascaris leonina* became embryonated. Ova of *Toxocara canis* did not develop beyond the gastrula stage under these conditions. Ova of both species were unable to develop at a temperature of 37° C. (98.6° F.) with a relative humidity of 28 to 37 percent.

Ova of *Toxascaris leonina* were able to survive on dog runs at Beltsville, Md., over the winter of 1933-34. The lowest temperature recorded was -17° F. (-27.22° C.) with the ground covered with snow.

Embryonated ova of *Toxocara canis* survived exposure to a temperature of 0° C. (32° F.) for 4 days without any deleterious effect. Some of the ova were able to survive temperatures of 0° to 9° F. (-17.78° to -12.78° C.) for 24 hours but were all killed by exposure to this temperature range for 48 hours.

Unsegmented ova of *Toxocara canis* and *Toxascaris leonina* developed normally after an exposure of 21 days to a temperature of approximately

¹ D.V.M. 1917, The George Washington University; M.S. 1931, American University; Ph.D. conferred February 22, 1935.

0° F. (—17.78° C.). After an exposure to this temperature for 45 days, some ova underwent cleavage up to the 8-cell stage but did not become embryonated. An exposure of 60 days at a temperature of approximately 0° F. was absolutely lethal as none of the ova underwent any cleavage.

Exposure to ultraviolet light in a dosage of 1,37,000,000 ergs/cm.² at a wave length of 3022 Å resulted in a marked lethal effect on the ova of *Toxocara canis* and *Toxascaris leonina*. Ova of *T. leonina* proved more susceptible than did ova of *T. canis*. In the case of *T. canis*, only 20.5 percent of the irradiated ova developed to embryonation as compared with 65.5 percent embryonation in the control culture; only 1.5 percent of the ova of *T. leonina* reached embryonation as compared with 42 percent embryonation in the control culture. The dosage employed was equivalent approximately to an exposure of 60 hours noonday, midsummer sun at Washington, D. C., or 12 days of average July sunlight. While the marked lethal effect of sunlight on ascarid ova, as reported by several workers, is probably due chiefly to desiccation and high temperatures, it would appear that the ultraviolet spectrum is in itself a factor under certain conditions in the destruction of such ova.

Two of four dogs ranging in age from 2 to 9 years developed infestations with *Toxocara canis* after they had been fed a diet totally deficient in vitamin A for periods of 104 and 70 days, respectively. These dogs had been refractory to infestation with this parasite while on a normal diet.

In four experiments, eleven young dogs varying in age between 82 and 154 days were maintained on a ration deficient in vitamin A for periods ranging from 15 to 106 days. These dogs harbored on necropsy a total of 2,674 *Toxocara canis* and *Toxascaris leonina*, or an average of 243.1 ascarids per animal. Nine control dogs maintained on a normal ration and exposed to the same degree of infestation as the dogs on the vitamin-A deficient diet, harbored on necropsy a total of 448 ascarids of both species, or an average of 49.8 ascarids per dog. The results of these experiments and those mentioned above indicate that dogs fed a diet deficient in vitamin A are more susceptible to infestations with *T. canis* and *T. leonina*.

Young albino rats maintained on a diet totally deficient in vitamin A until they were showing definite symptoms of A-avitaminosis exhibited a marked lowering of resistance to penetration and migration of the larvae of *Toxocara canis*. In the rats on the deficient diet approximately 21.7 percent of the larvae migrated, whereas in the control rats fed a normal diet only 0.28 percent of the larvae migrated.

The hatching of ascarid eggs appears to take place for the most part after the eggs reach the duodenum, although a few eggs will hatch in the stomach of the host.

Experimental evidence indicates that the life history of *Toxocara canis* is essentially the same as that reported for *Ascaris lumbricoides* and *A. suum*. There are four larval stages in the development of this parasite.

The first ecdysis takes place at the time the ova hatch or shortly thereafter. The second-stage larvae undergo only a slight growth during the course of their migration through the liver and lungs of laboratory animals or dogs. The second ecdysis apparently takes place in the trachea or oesophagus after the larvae leave the lungs. The third and fourth ecdyses take place after the larvae regain the small intestine. Detailed information concerning the migration of the larvae is given, including measurements of larvae at various stages of migration in experimental hosts.

Evidence presented warrants the conclusion that the development of *Toxascaris leonina* is not in accord with the heretofore-accepted opinion that such development is similar throughout to that of *Ascaris lumbricoides* and *Toxocara canis*. There are four larval stages in the development of this parasite. However, the larvae, when released from the egg, do not regularly migrate throughout the body organs of the host but develop in the wall of the small intestine, particularly in the lower part of the duodenum. They emerge as third-stage larvae and continue their development in the lumen of the small intestine. In heavy infestations, some of the larvae may migrate throughout the body organs. The first ecdysis occurs at the time the ova hatch or shortly thereafter; the second occurs on emergence or shortly before emergence of the larvae from the intestinal wall of the host; the last two ecdyses take place after the larvae regain the lumen of the small intestine.

FEDERAL QUARANTINE ADMINISTRATION

By JOHN ANDREW AMAN¹

The use of quarantine methods to prevent the introduction or spread of diseases of all kinds is not a recent development. In this country, even in the colonial period, the separate Colonies had provisions for preventing the introduction by sea-borne commerce of diseases of man, and when the United States was formed this activity was continued by the States. The first Federal legislation on the subject of quarantines was contained in an act of Congress of February 25, 1799. This act merely recognized the State quarantine laws and required certain specified Federal officers to observe them and to aid the States in their enforcement. Later acts authorized Federal regulations on the subject of maritime quarantine, but still recognized the State regulations. On March 27, 1890, an act was passed providing for Federal control of interstate quarantines against the diseases of man in the case of four specified diseases, and on February 15, 1893, an act was passed which is the basic act for Federal control of quarantines against diseases of man, although State regulations were still recognized in it. Meanwhile, on May 29, 1884, an act of Congress created the Bureau of Animal Industry which still conducts quarantines against animal diseases. This act, too, recognized State authority, but later acts on February 2, 1903, and March 3, 1905, increased the authority of the Federal Government. A beginning had been made in the administration of quarantines against insect pests by the passage of the Insect Pest Act on March 3, 1905, but this act was of little practical value. The real basis for quarantines against insect pests and plant diseases is the Plant Quarantine Act passed on August 20, 1912. This act completed the main structure of Federal quarantine authority, although other acts have at times been administered so as to have the effect of quarantine laws. The Tariff Act of 1930, for example, furnishes a basis for the exclusion of animals from countries where contagious animal diseases exist, and the Lacey Act of May 25, 1900, gives authority for the exclusion of any bird or animal if the Secretary of Agriculture considers it injurious to the interests of agriculture or horticulture.

The present administrative system consists of the Public Health Service as the bureau charged with the administration of quarantines against diseases of man; the Bureau of Animal Industry, which administers the quarantines against animal diseases; and the Bureau of Entomology and Plant Quarantine, which controls the quarantines against insect pests and

¹ A.B. 1920, A.M. 1922, The George Washington University; Ph.D. conferred June 5, 1935.

plant diseases. Several other bureaus and departments, such as the Bureau of Customs, the Bureau of Biological Survey, and the Post Office Department, assist in these activities, and it may consequently be said that it is not the activity of a few bureaus but of the Government as a whole.

The constitutional basis for Federal quarantine administration is found chiefly in the authority to regulate interstate and foreign commerce. The Federal Government has no authority over quarantines as such, this power being included under the police power which is reserved to the States. The control of the Federal Government over international relations and treaties is a potential source of power, if international agreements should become a means of preventing the spread of disease, but this power is not at present important as a basis for quarantine laws. The power to levy taxes may be listed as a power which could be used for this purpose, but it has not yet been used as a basis for direct quarantine laws.

Acting under the power over interstate and foreign commerce, however, the Federal Government is limited in its quarantine laws by the requirement that the laws must relate either to the introduction into the country or to the interstate transportation of the persons, animals, plants, or articles carrying the infection or infestation. The States, under their reserved police powers, have absolute control of all quarantine activities which are purely intrastate in their nature, so long as the disease or insect does not cross a State line or does not threaten other States. Although this division of powers over commerce appears definite and exact, much difficulty has been caused by the distinction, and in many cases the courts have been obliged to determine matters of jurisdiction. Even this, however, has not been entirely satisfactory, since few definite principles have been laid down which could serve as a basis for the division of authority. There have been several court decisions, however, which have set forth definite principles, and these apparently may be used in deciding questions of jurisdiction, although several questions of this nature still await future judicial determination.

Under the present interpretation given to the various quarantine laws by the courts as well as under the laws themselves, the Federal Government has not assumed entire control of any phase of quarantine, and consequently the States may act in cases in which the Federal Government has not acted. In the maritime quarantine against the diseases of man, the Federal Government has at present sole control. This was gained not by statutory assumption of complete control under its power over foreign commerce, but by the purchase of the maritime quarantine stations owned by the States. In case of a conflict of jurisdiction, the State law must yield to the Federal law, so long as the latter is based on one of the powers delegated to the Federal Government, although, until the Federal Government acts, the States may act, even though their action may affect interstate commerce.

Based on present court decisions, the State is permitted to enforce its quarantine regulations, even though they affect interstate commerce, if the act does not go beyond what is necessary to protect the health and welfare of its citizens, if it does not exclude both the good and the bad in order to keep out the bad, if the purpose is not to exclude products of other States in favor of its own products, and if it is really a police regulation and not a regulation of interstate commerce under the guise of police regulations.

Because of these limitations on the extent of the power of each authority, a number of administrative methods have developed which have their basis in cooperative arrangements under which each authority is able to exercise its own powers and yet leave no gaps in the administration of quarantines. For example, the Public Health Service, in its Interstate Quarantine Regulations, prescribes certain requirements for interstate travel of diseased persons, the enforcement of which is carried out by a system of permits issued by State and local health officers, although the Federal officers may assume control if they desire. In many cases, the quarantines against insect pests and plant diseases are administered by State officials who have been appointed as collaborators of the Federal agency and are thus able to exercise both State and Federal authority. This is important especially where the Federal quarantine covers only a portion of a State while a State quarantine covering the same subject protects against intrastate movement from the same area, since the same official is thus enabled to enforce both quarantines. Similarly, Public Health Service officers are frequently given State authority so that they may act in a serious outbreak of disease. This same action has been taken also in the case of animal and plant diseases in order to permit the Federal officials to supervise suppressive and clean-up measures within the State. Such cooperation is necessary because of the division between Federal and State powers, and it contributes greatly to the efficiency of quarantine administration.

In the methods used to enforce these quarantine laws, much difference is found in the details, although in general the methods are the same. The laws provide for their administration by regulations issued by the executive agencies entrusted with that activity. These regulations usually provide for movement after an inspection and a determination of the freedom from disease or infection of the person, animal, or article in question. Detailed regulations are given as to the conditions under which movement is permitted, and the restrictions placed upon such movement vary according to the danger of infection or infestation, the ease of inspection, and the possibility of using measures designed to remove the danger. Detailed specifications are often given as to the measures that must be taken before the person, animal, or article is permitted to enter the country or to move interstate. Some quarantines, especially those

dealing with importations, are actual embargoes. In the case of quarantines against diseases of men and of animals, the regulations apply whenever the specified disease appears. In the case of plant quarantines, specific quarantines must be issued after a public notice and a public hearing.

In the administration of quarantines, cooperation is often secured from other nations, in some cases in consequence of conventions or agreements. In a number of instances, a certificate of inspection and of freedom from disease or infection or infestation is required from an official of the country from which the animals or goods are exported, although, as a rule, this certificate does not exempt the animals or articles from inspection upon arrival, and, in some cases, a period of quarantine detention and even additional immunization or disinfection are required.

In an activity of this kind, it is inevitable that economic considerations should enter, since a quarantine of any type naturally interferes, to some extent, with trade and commerce. One of the first principles of quarantine administration, especially that relating to animals and plants, is that a quarantine to be justified must yield greater benefits than the cost and inconvenience resulting from it. If the reverse is shown to be true, the quarantine is not placed, or if it has been placed, it is revoked. It must also be considered whether or not the loss occasioned by the disease or insect pest, if no quarantine were placed, would be greater than the loss and inconvenience resulting from the quarantine.

Quarantines are divided into two types: those designed to restrict a disease or insect pest to a limited area, perhaps with the purpose of extermination, and those designed merely to retard the spread. A quarantine of the former type will justify more rigorous restrictions and greater expenditures than one of the other type, since the resulting benefit will be greater. Frequently, the relative costs of the two types must be balanced against the resulting benefits in determining the type to be adopted.

Moreover, in considering the economic results of a quarantine, it is necessary to look at the problem with the ultimate benefit in mind rather than any merely temporary benefit. In many cases present benefits must be sacrificed for greater future benefits, and this fact is important too in determining whether or not a quarantine should be established, and if so, the extent of the restrictions. Thus quarantines are in the long run economically beneficial.

Quarantines, especially foreign quarantines, have often been looked upon as another phase of tariff control or trade protection and their real purpose is overlooked. In many cases they have aspects similar to tariffs, but the two are quite distinct. The basis for quarantines is biological, while that for tariffs is economic. A quarantine on imports of a certain article may have the effect of building up an industry in this country, but

that effect is merely incidental to the real purpose of protection against diseases and insect pests. Moreover, quarantines are placed and revoked on other considerations than their effect on business, although often, if possible, some thought is given to existing business conditions and practices. For example, if it can be done without increasing the danger of the introduction of disease, the change is made effective at some future date in order to permit the industry concerned to adjust itself to the changed conditions. However, if the risk is great the restrictions are applied immediately, notwithstanding their effects on the particular industry involved. In short, quarantine restrictions and trade protection are quite different, although it is possible that at times some of their results may be similar. The purpose which is primary in trade protection is only incidental in quarantine administration.

In reviewing Federal quarantine administration, it is evident that although much is left to the discretion of the administrative officials in the making of the regulations necessary to carry out acts of Congress, there is no actual delegation of legislative power, since Congress has in every case specified the general method to be used in carrying out its legislation, as well as the conditions under which the administrative regulations are to be applied. The authority delegated, therefore, is administrative and executive rather than legislative, and as such is properly within the sphere of the administrative officials.

Moreover, from a study of the development of Federal quarantine activities, there may be seen a gradual centralization in the Federal Government of control over interstate and foreign quarantines, the development beginning with Federal legislation requiring Federal officials to aid the States in the enforcement of their quarantine laws and extending to the present where the Federal administrative officials have authority to assume, in practice, complete control if it should be necessary. However, it is also clearly established that the States may act until the Federal Government acts on the same subject.

One of the troublesome phases of quarantine administration is the constitutional distinction between interstate and intrastate regulation of commerce, and it would be considered preferable by some if this distinction could be abolished and the Federal Government given control of all quarantine administration. Although there would be some advantages to this plan, it would not be advisable, since it would mean the building up of a large administrative organization in the Federal Government with all its attendant difficulties, as well as the danger of arousing suspicion of a developing bureaucracy. Moreover, under the existing division of powers, a fairly efficient system of cooperation between Federal and State agencies has been developed, and if this change were made it would be necessary to discard that entire system for a system that is new and untried and full of difficulties. It would not be advisable, therefore, to

change our existing governmental structure so that the Federal Government could assume entire control of all quarantine administration.

As a result of Federal legislation concerning quarantine administration and the growth of the administrative agencies necessary to carry it out, the United States now has a fairly efficient system covering all fields of this activity. The agencies administering the quarantines against the diseases of men and of animals have developed into efficient organizations, while the agency administering plant quarantines, much later in its organization than the others, is apparently now in a transition period, passing from the experimental stage into the stage where its activities are becoming standardized and its work more efficient. When that transition has been completed, the entire Federal administration of quarantines should attain a high degree of efficiency.

THE ECONOMIC SIGNIFICANCE OF RELIEF

By ARTHUR EDWARD BURNS¹

The problem of relief has been given little attention in the economic literature of this country. In the past economists generally regarded relief as more properly within the province of the sociologist and the welfare worker. Recently, however, relief has assumed major significance as a means of meeting the unparalleled problem of economic insecurity created primarily by mass unemployment. This expansion of relief has brought to the fore innumerable economic problems.

Relief is a social arrangement designed to provide income to those members of society whose usual source of income has failed. The particular form the institution of relief assumes in order to achieve this purpose is conditioned primarily by the prevailing organization of economic activities. Thus the organization of relief on a national scale is necessitated by the structure of modern economic society and by the peculiar type of insecurity arising from this structural pattern.

THE PROBLEM OF ECONOMIC INSECURITY

The last several years have demonstrated most clearly the high degree of instability and economic insecurity which characterize contemporary capitalism. Experience suggests that a policy of *laissez faire* cannot be relied upon to remove this instability and to assure economic security.

Economic security is a concept which involves the removal of, or a provision against, certain material contingencies of life. The major aspect of security is income. When economic activities are organized preponderantly on a highly specialized and pecuniary basis it is imperative that the money incomes of individual families be both adequate and continuous. Income must be adequate to enable them to buy the material necessities and conventional comforts of life; it must be continuous in order to assure no break in the flow of these goods and services. Thus economic security requires an adequate and continuous money income; economic insecurity is the result of an insufficient or discontinuous money income, or both.

The failure of contemporary economic society to provide economic security falls most heavily upon the large propertyless groups, the wage earners and small-salaried groups whose principal source of security is work. In recent years unemployment has been the conspicuous insecurity factor. Estimates of unemployment (American Federation of Labor)

¹ A.B. 1931, A.M. 1934, University of California; Ph.D. conferred June 5, 1935.

show increases from 3,000,000 in 1930 to nearly 9,000,000 in 1931, to over 12,000,000 in 1932, and reach a peak of nearly 14,000,000 early in 1933.

The security of the majority in society depends upon employment; this is conditioned primarily by the profit obtained from enterprise. The more complex and specialized the society becomes the more susceptible it is to derangement; hence insecurity in capitalism increases with the complexity in organization.

Within the framework of the present social order numerous measures may be adopted to meet the problem of economic insecurity. Regularization of industry, credit control, unemployment compensation, and public works have been attempted, here and abroad, to cope with this problem. Although these measures have been partially successful, experience has shown that a substantial residual problem has remained necessitating a marked expansion in relief activities.

The magnitude of relief activity in the United States is shown by the fact that early in 1935 over 5,400,000 families and single persons, representing approximately 20,000,000 persons in all, were receiving emergency relief from public funds.² The major part of this relief group is the industrial unemployed. To meet this problem relief organization and responsibility has shifted from the traditional local relief to a combined Federal-State-local relief structure. This change in organization and responsibility has been necessitated by the basically national character of the unemployment problem.

SURVEY OF THE TRADITIONAL SYSTEM OF RELIEF

The organization, concept of responsibility, methods of administration, and philosophy of the traditional system of relief in the United States were all derived from the poor-law system of 16th and 17th century England. Local public responsibility for the relief of the destitute followed the abolition of the monasteries in England during the 16th century.³

The conception of relief reflected the ideology of the propertied groups, the landowners in the early period and the capitalist, agriculturist, manufacturer, and trader in the 17th and 18th centuries. The decline in the prestige of the Church following the Reformation, and the 17th-century rise of the Puritans as the economically dominant group significantly altered the conception of relief. The Puritans regarded the early Christian virtue of giving alms to the poor as a vice. To them poverty was evidence of idleness and vice; wealth, of hard work, frugality, and severe discipline. Taxation for the support of the poor was considered confiscation of the fruits of these virtues for the support of the vice of idleness. The Puritan ethic and the ethic of capitalism became

² *Ide* the Monthly Report of the Federal Emergency Relief Administration, May 1935. Hereafter, this source will be cited as "Monthly Report."

³ *Ide* Webb, Sidney and Beatrice, *English Local Government: English Poor Law History. Part I. The Old Poor Law*. Longmans, Green and Co., London, 1927.

essentially one. Economic self-interest was the core of the doctrine and manifested itself in a harshness toward the economically less fortunate members of society whose poverty-stricken position was taken as the divine mark of inferiority.⁴

The pattern of poor relief characterized by local public responsibility and a repressive conception of destitution was transplanted from England to the American colonies during the 17th and 18th centuries. In structure, in ideology, and in methods of administration, colonial relief was a parallel of 17th century English poor relief. It was a rural system of relief transplanted to a rural and frontier society.⁵

This transplanted system of local relief was particularly well adapted to the dominant demographic and geographic characteristics prevailing in the American frontier society. The insecurity which arises out of industrial unemployment was not of high importance in this early period. The relief system was organized to care for the local indigents, the handicapped, the aged—not for the industrial unemployed. Until the depression of recent years the functional and financial organization of local public relief in the United States remained essentially unchanged from that of 17th century England.

However, the structure and arrangement of economic activities underwent a significant transformation. The United States developed from a simple to a complex economy, from a local agricultural-handicraft economy to a predominantly industrialized and specialized economy. With specialization and its accompanied urbanization, economic security becomes largely a matter of retaining a job; and with this specialization the economic system becomes more liable to derangement depriving millions of persons of this employment. Thus as employment becomes more vital to economic security, the possibility of loss of employment tends to increase. In modern economic society characterized by a high degree of specialization and interdependence, unemployment is primarily a national problem. Since the unemployment arising out of industrial and financial disorganization is not a local responsibility, the historic local poor-relief system becomes hopelessly inadequate to cope alone with the unemployment relief problem. With economic activity developed primarily on a national basis, subject to national influences and national disturbances, it is imperative that the administrative and financial organization of relief be patterned on the same scale with the economic structure.

Relief has been traditionally premised on the notion of personal responsibility for destitution. It is an individualistic conception of relief derived

⁴ *Ide Tawney, R. H., Religion and the Rise of Capitalism.* Harcourt, Brace and Company, New York, 1926, ch. 4.

⁵ *Ide Matson, O. P., Local Relief to Dependents,* Michigan Local Government Studies, 1933; Hirsch, *Our Settlement Laws,* N. Y. Department of Social Welfare, Bulletin No. 1, 1931. Brown, R. M., *Public Poor Relief in North Carolina,* North Carolina University Press, 1928. The annual *Proceedings of the National Conference of Social Work* also contain material bearing on the traditional relief systems in the United States.

largely from the Puritan ethic and incorporated into the capitalist ideology. The facts surrounding the present problem of unemployment, however, lead one to reject the traditional notion of individual responsibility. For the most part, the millions of persons out of work at present are so by virtue of economic and social factors beyond their control. Collective responsibility for unemployment has been assumed in varying degrees in all capitalist countries and more recently on a national scale in this country. That this responsibility is collectively assumed both here and elsewhere is evidence of the untenability in practice (and in theory) of the notion of personal responsibility.

THE BREAKDOWN OF LOCAL RELIEF

Reorganization of the traditional system of relief had been delayed for decades both by public inertia and by the pressure groups who thought their interests were best served by the local public and private system. But with the increase in unemployment during 1930, 1931, and 1932, the local unit system broke down.

Local private relief first demonstrated its inability to meet the increased needs arising out of the crisis. Private relief in 1929 provided approximately 24 percent of relief funds in the major urban areas.⁶ From 24 percent of the total in 1929 private funds decreased to approximately 3 percent in 1934. The experience during these years has conclusively demonstrated that the problem of unemployment relief is beyond the scope of local private relief agencies.

Similarly the inability of local public relief to cope with the problem of unemployment became apparent during the early years of the depression.⁷ Local government tax revenue declined sharply during the depression and the municipal bond market was not receptive to new issues.⁸

In the face of the obvious lack of local funds the appeal to local civic pride, to the "American system", as the most effective means of meeting the relief problem became manifestly absurd. Local public and private relief could not meet the problem: both were pre-industrial institutions which were not designed to cope with industrial unemployment. Their failure was due to the fact that relief had not undergone the fundamental structural transformations in accord with the changes in the structure of the economy.

STATE PARTICIPATION, 1931-33

State participation became imperative with the breakdown of local public and private relief. Early State action in 1931 was designed to

⁶ Data compiled by the Children's Bureau, United States Department of Labor, for 120 urban areas.

⁷ These difficulties are reflected in *Public Management*, the monthly official organ of the City Managers' Association, especially 1:130-33.

⁸ Tax delinquency is one indication of local tax difficulties. Property tax delinquencies in 1932-33 for all States amounted to 20.5 percent of the levies; *vide*, *Realty Tax Delinquency*, *P* 1 and 2, Bureau of the Census, U. S. Department of Commerce, 1934. For borrowing difficulties, *vide* *The Commercial and Financial Chronicle*, June 9, 16, and 23, 1934.

remove constitutional limitations upon local taxing and bonding powers. More direct State action in 1931 and 1932 took the form of (1) the creation of State emergency relief administrations and (2) the provision of funds for relief.⁹ By the end of 1933 State relief administrations were in existence in every State to administer not only State funds but Federal grants also.

State legislation authorizing the use of State funds for unemployment relief likewise made its appearance in 1931 for the first time. Three States provided funds in 1931; by June 30, 1935, the number increased to forty-one. Funds aggregating \$533,000,000 were raised by these States for emergency relief through May 1935. That State funds have not constituted a large part of relief expenditures is seen in the fact that in 1933 this source constituted only 16 percent of total expenditures and in 1934, 12 percent.¹⁰

As a general rule, the States as well as the local political units depend upon the property tax as the principal source of revenue. The same difficulties which beset the cities and counties in raising funds in the face of mounting property tax delinquencies confronted the States. The decline in revenue from the property tax occurred at a time when relief needs were increasing.

State borrowing for relief purposes provided more than half of the funds expended by the States. The condition of the municipal bond market, however, was such that this source was limited. Thus the experience of the last several years demonstrates beyond doubt that the States cannot finance any major part of the unemployment relief burden.

FEDERAL PARTICIPATION

These financial difficulties of the States and local political units led to Federal participation in the financing of relief in 1932.

The Federal Government inaugurated the policy of providing funds to the States and Territories for relief purposes with the passage of the Emergency Relief and Construction Act of 1932. The act authorized and empowered the Reconstruction Finance Corporation to lend to the States and Territories a sum of \$300,000,000 for direct and work-relief purposes. This legislation was a departure from the traditional laissez-faire policy and was far more significant as a precedent than as a relief measure. This act did not embody a conception of national responsibility. The framers of the legislation contended that the traditional "American System" of local responsibility for relief was not being challenged,¹¹ but that because of the emergency the Federal Government was merely aiding States and localities to meet this responsibility.

⁹ *State Legislation for Unemployment Relief from January 1, 1931 to May 31, 1932*. U. S. Department of Commerce, 1932.

¹⁰ Federal Emergency Relief Administration data.

¹¹ *Vide Senate Hearings*, S. 4755, 72d Congress, 1st Session, June 2, 1932, p. 21.

During 1932 the Federal Government attempted further assistance in meeting the unemployment problem by authorizing the distribution of surplus grain¹² and cotton¹³ stocks held by Federal agencies. Distribution of these commodities was entrusted to the American Red Cross.¹⁴ Although this action was important as a precedent it was not very effective in relieving unemployment.

In May 1933 the relief funds provided by the legislation of 1932 were exhausted. To meet the continued relief needs the Federal Emergency Relief Act of 1933 was passed.¹⁵ This act involved a significant change in the organization of relief and responsibility for relief. This legislation created the Federal Emergency Relief Administration and made available \$500,000,000 to be given to the States and Territories as nonreimbursable relief grants. Subsequent appropriations have supplemented this fund.

The act profoundly altered the traditional organization of relief. Within a span of a few months following this act there were more changes effected in relief organization than had occurred during the entire period of relief history in this country. Briefly, the new arrangement involved the establishment of a Federal agency having general administrative control over State emergency relief administrations. The primary function of the Federal Emergency Relief Administration was to grant funds to the States and to establish general standards and procedures for the subsequent disbursement of these funds. Grants were made to the governors of the States based upon applications containing detailed financial and relief data supporting the request for funds. Discretionary power was given the Federal Emergency Relief Administrator in granting most of the funds to the States. This discretionary power has been the primary means of maintaining minimum standards and uniform procedures and has also been used to induce more substantial State contributions to the support of the unemployed.

After Federal funds have been granted to the governors the funds become the property of the State. To administer these funds and those provided by the States themselves, the States have created State emergency relief administrations or have utilized existing State welfare or industrial commissions. The States in turn grant these funds to their local emergency relief administrations to supplement the local relief funds. The local relief administrations are usually specially created local agencies designed to care for the emergency relief needs. The local relief administrations have disbursed to relief clients nearly all the \$3,200,000,000 of relief funds expended during the period January 1933 to June 1935.

From the standpoint of responsibility for relief the Federal Emergency

¹² Public Resolution No. 13, 73d Congress, approved March 7, 1932.

¹³ Public Resolution No. 33, 72d Congress, approved July 5, 1932.

¹⁴ *Fide* Distribution of Government-owned Wheat and Cotton, American Red Cross, Washington, D.C., 1933.

¹⁵ Public Resolution No. 15, 73d Congress, approved May 12, 1933.

Relief Act of 1933 marked a sharp, although not a complete departure from the traditional conception of local responsibility. The administrative or functional responsibility remained primarily local with only general Federal-State supervision. Financial responsibility for an indeterminate share of relief was assumed by the Federal Government through the system of nonreimbursable grants. This responsibility of the Federal Government, however, was considered only as "temporary" to last for the duration of the "emergency."¹⁶ Moreover the responsibility was "residual", i. e., a responsibility for financing that part of the relief problem remaining after the local and State governments had fully utilized all sources of funds for relief. This conception of residual responsibility places the complete responsibility for the relief of the destitute unemployed, or "employables", as well as for the "unemployables"¹⁷ upon those States and localities having sufficient financial strength to carry the burden; and it places responsibility for both the unemployed and the "unemployables" upon the Federal Government in those areas where State and local funds are exhausted. One of the shortcomings of the policy of residual responsibility is that it fails to attempt an integration of the area of financial support with the area over which the causes of unemployment operate.

Thus there is a failure to define clearly the nature of the relief problem and the nature of the responsibility from the standpoint of the relief groups, the area, and the period of time involved. The position assumed here is that the administrative or functional responsibility must be largely local but subject to Federal and State direction. On the other hand financial responsibility for the relief of unemployment¹⁸ must be coterminous with the area over which the causes of unemployment operate. This area is primarily interstate hence the financial responsibility must rest largely in the Federal Government. Moreover, this responsibility cannot be "temporary", to be exercised only during an "emergency." The continuing nature of the unemployment problem in modern economic society imposes the necessity for a permanent Federal program to assure a modicum of economic security to the unemployed.¹⁹

¹⁶ *Vide Unemployment Relief, Hearings*, House Committee on Banking and Currency, H. R. 4606, 73d Congress, 1st Session.

¹⁷ The groups "employable" and "unemployable" cannot be clearly differentiated. In general, however, the "employable" persons are those persons 16 to 64 years of age who are able to engage in useful work; the "unemployables" are young persons, the aged, the physically or mentally impaired persons, mothers, or other persons with dependents needing their attention and care. This distinction is admittedly difficult to draw in many instances, but unquestionably large groups of persons can be placed in one category or the other. There remains a group concerning which the question of classification is difficult. Only with the development of trained and experienced personnel, and an enlightened social policy can these difficulties be minimized in practice.

¹⁸ The primary concern in this work is with "unemployment" relief and the responsibility for this problem. Relief for the "unemployables" is another problem which must be differentiated, both in theory and in administration, from unemployment relief. Federal responsibility, however, need not be excluded from the field of "unemployable" aid. In titles I, II, and IV of the Social Security Act of 1935, Federal aid is provided.

¹⁹ One permanent aspect of an economic security program is made possible by title III of the Social Security Act of 1935, providing for unemployment compensation.

THE MAGNITUDE AND NATURE OF THE CONTEMPORARY RELIEF PROBLEM

The size of the group receiving relief, the composition of this group, the methods used to give aid to this group, and the costs of the relief program are essential to the analysis of the economic aspects of relief.

No accurate data are available showing the extent of relief before 1933. For the period January 1933 to the present, comprehensive relief data are available.²⁰ Total cases (families and single persons) aggregated nearly 5,000,000 in March 1933, the high point for that year. The number of relief cases declined to a low level of 3,000,000 during the winter of 1933-34²¹ then began a rise which culminated in the record high level of 5,471,000 in March 1935. At that time nearly 21,000,000 persons, or 17 percent of the total population were receiving aid from public funds.

The largest single group of emergency relief cases is that which contains unemployed or underemployed persons, a group which aggregated approximately 6,100,000 persons in November 1934.²² This number constituted approximately half the estimated total unemployed.

The employable group presents the greatest social and economic problems. This group represents not only a huge investment of private and social capital but, of greater social and economic significance, a fund of human resources in the form of technical knowledge, acquired skills, work habits, physical vigor, and "morale." If a large part of the private and social capital invested in this group and a significant part of the productive power of this country are not to be lost, measures must be adopted to maintain these human resources. The primary purpose of unemployment relief is the preservation of these human resources through the assurance of a measure of economic security. This preservation is contingent on the amount and form of relief granted.

STANDARDS AND METHODS OF RELIEF

The only comprehensive measure of the standards of relief is the average amount granted per family per month. The average amount of relief increased from \$15.59 per family in July 1933 to a high point of \$30.43 in January 1935. In May 1935 the average was \$29.33.

The type of relief granted falls generally into two categories: direct relief and work relief. The amount of this relief is determined by the "budgetary deficiency". Work relief is a payment for services rendered by the relief person. Work is generally performed on an hourly wage basis, the hourly wage rate as a general rule being the local prevailing hourly rate for the type of labor performed.²³

²⁰ *Fide* Monthly Report, June 1935.

²¹ This relatively low level of relief was due to the Civil Works program, in operation during the winter of 1933-34, which reduced the relief rolls by nearly 2,000,000.

²² *Hearings before the Committee on Appropriations, United States Senate, 74th Congress, 1st Session, on H. J. Res. 117, p. 103.*

²³ *Fide* Monthly Report, January 1935.

Experience with work relief has demonstrated that the determination of wage policy constitutes one of the most difficult problems. No wage policy has been found that satisfies all interested groups. The "prevailing wage" policy, however, has encountered less opposition than any other type of Federal relief wage policy. The significance of wage policies on work relief goes beyond the work-relief program itself into the general problem of wage policies and wage standards in private industry. The primary basis of relief employment is "need" with "standard performance" a secondary consideration. However, the payment of prevailing wages presupposes the performance of a prevailing or locally accepted standard of work. It is evident, therefore, that the prevailing-wage policy on work relief might give rise to a problem of some significance.

Work-relief programs have been established on the assumption that the able-bodied unemployed generally want employment. Moreover work relief has been advanced as the most desirable form of relief from the larger social and economic point of view. The preservation of the human resources, the skills, technical knowledge, work habits, physical vigor, and "morale", is more effectively achieved through work rather than through direct relief.²⁴

An efficiently operated work program unquestionably bestows greater social benefits both in human resources and in social capital than does direct relief. Furthermore, work relief meets the unemployment problem more directly by providing employment. The means used to meet the problem must be integrated with the nature of the problem, i. e., insofar as possible, unemployment must be met with the provision of work. Under existing circumstances a number of limitations are imposed on the scope of public employment on work-relief programs. It is difficult to diversify a works program sufficiently to meet the manifold occupational characteristics of the unemployed because of the pressure against competition with private industry. Fiscal limitations also constitute an obstacle to extensive public employment. These two limitations largely account for the frequent and sudden changes in the policies of recent work programs and for their relative planlessness. Moreover, the employment of workers primarily on the basis of need and for relatively short work-weeks; the prosecution of projects outside the normal type of public activity; the failure to utilize labor-saving machinery extensively, coupled with the chronic shortage of materials, have impaired the efficiency of the past work-relief programs. Over the course of time many of these difficulties have been overcome or reduced, with consequent improvement in the character of the work performed.

²⁴ *Fide* Monthly Report, April 1935.

THE FINANCING OF RELIEF

From January 1933 through May 1935 a total of \$3,212,757,819 was expended for emergency relief.²⁶ Of this total the Federal Government contributed over \$2,276,000,000, or 71 percent. In addition to this sum a total of \$940,000,000 was expended on the Civil Works program, \$847,000,000 of which was contributed by the Federal Government.

The trend of relief expenditures has been rising over the last several years. The major part of this increase was made possible by Federal funds which aggregated \$480,000,000 in 1933; \$1,000,000,000 in 1934; and for the first five months of 1935, \$725,000,000. Moreover the share of the Federal Government increased relatively during the period, from 61 percent in 1933 to 72 percent in 1934 and 77 percent for the first five months of 1935.

The entire amount of Federal funds has been derived from borrowing; over half of the State funds has come from this source and a considerable part of the local funds has been borrowed.²⁶ The entire \$847,000,000 of Federal funds for Civil Works were likewise obtained from bond issues. The emergency relief program has accounted for a major share of the Federal deficit and the consequent rise in public debt.²⁷ Since these funds were borrowed from unused bank balances their expenditure has resulted in a net addition to the consumers' income and purchasing power and in a probable stimulative effect on economic activity.

The complete absence of fiscal planning for unemployment relief in this country made extensive borrowing necessary. The shrinkage of public revenue made it difficult and frequently impossible to finance even the ordinary governmental functions. Additional taxation to meet the ordinary and emergency expenditures undoubtedly could have been raised. But increased taxation during a depression period, unless it comes from otherwise unused incomes, would merely shift the funds from private to public use and decrease private employment. This, obviously, would defeat the purpose of the tax. Thus borrowing for unemployment relief has been essential; a tax program to provide for eventual retirement of the public debt is likewise essential.

The division of relief costs between Federal, State, and local governments in recent years raises the fundamental question of responsibility. The chaotic state of relief financing and Federal-State-local relations in the relief problem render impossible a categorical judgment concerning "fair share" of financial responsibility in recent years. Many States and localities have shifted the burden for practically all relief on the Federal

²⁶ *Ide* Monthly Report, May 1935.

²⁷ *Ide* Monthly Report, May 1935.

²⁸ When expenditures for the Civilian Conservation Corps (in reality a relief program) and the emergency public-works program are added to the relief expenditures most of the deficit for the fiscal years 1934 and 1935 is accounted for.

Government. No clear-cut financial policy has been followed largely because of the emergency character of the problem.

As a general principle, however, it can be stated that the primary financial responsibility for unemployment relief must rest with the governmental unit covering the area responsible for the unemployment problem. Unemployment is an accompaniment of specialized free enterprise. Responsibility for unemployment rests in the whole market area. Although some markets are intrastate in scope the major markets extend beyond the locality and the State: the economic unit is largely interstate in scope. Thus Federal financial responsibility is imperative. As a principle in unemployment relief this is of fundamental importance.

Federal responsibility, however, does not preclude local and State responsibility. Administrative or functional responsibility should be primarily a local concern subject to direction. The division of financial responsibility perhaps can never be accurately established. Fiscal expediency will doubtless play a large part at all times in the actual business of financing relief. Unquestionably careful analysis of financial ability and of the structural organization of economic activity would provide more satisfactory bases of division of financial responsibility than those adopted in the last two years.

WIDER ECONOMIC ASPECTS OF RELIEF

Generalizations concerning the economic significance of unemployment relief in the United States must be tentative. The institution of relief as a social arrangement designed to provide a modicum of economic security to the millions of unemployed is too recent a phenomenon to permit precise statement of economic consequences. Moreover the facilities for measuring the consequences are not adequate nor are such socio-economic phenomena amenable to exact measurement.

The primary function of relief is to afford a measure of economic security to those whose usual source of income has failed. The major part of this group is the industrial unemployed. Economic security is best assured to this group through the provision of work opportunities. The preservation of human resources through the assurance of work opportunities creates a fund of social capital, usually in the form of durable social consumers' goods. Both the preservation of human resources and the creation of social capital are significant economic consequences of efficiently operated work-relief programs, consequences which are either entirely absent or present to a less extent in direct relief. Since this social capital is created through the use of otherwise idle human resources and unused capital it is, in a sense, socially costless. These economic consequences are conditioned largely by the efficiency and type of work accomplished. In this connection there remains a need for considerable improvement in the work-relief activities.

To provide a measure of economic security through relief has involved the expenditure of more than three billion dollars in the last two years. Inherent in this operation of raising and spending public funds is the possibility of a redistribution of income. Whether there will be a transfer of income between groups, i. e., a redistribution of incomes, depends upon the incidence of taxation for relief purposes.²⁸ This aspect of relief has provoked much controversy.

A further distributive aspect of relief is seen in the probable effects of relief on the private wage-rate structure. When relief, by offering an alternative income, permits labor to withdraw from the labor market, the supply of labor on the market decreases, the reservation price of labor advances, and wages tend to increase. Under these circumstances relief competes with private employment.²⁹ This competition is confined largely to subsistence employment, not to employment yielding earnings considerably above relief standards. On the other hand if labor is not permitted to withdraw from the labor market, relief becomes a wage subsidy and frequently a coercive instrument in forcing wages to lower levels. This influence also operates in the sphere of subsistence employment. In those employments yielding earnings considerably above relief, however, work-relief hourly rates at less than prevailing hourly wage rates tend to establish a sympathetic relationship to depress prevailing wages. Recent work-relief programs in this country and foreign work-relief experiences support this analysis.

These distributive factors largely determine the efficacy of relief to achieve a degree of stability in the economic processes. Relief payments directly add to consumers' purchasing power and thus, through the market, exert an influence on productive activity. Moreover work relief constitutes a demand for capital goods. The immediate effects of the money demand will depend upon the income velocity of the expended funds, and this, in turn, depends largely upon inventories, plant capacity, the indebtedness of business to banks, credit policy, business psychology, etc.

Over a long period of time relief assumes a more fundamental importance. In this work it is assumed that in modern capitalism the possibility of conjunctural movements with their inevitable economic insecurity turns largely upon the proportions of national income which is available for expenditure for capital goods and for consumers' goods. To

²⁸ The incidence of relief costs, it may be pointed out, tends to differ according to the taxing unit assuming responsibility. Different economic groups and different areas are affected when the Federal Government assumes the costs than when local governments bear the burden. For instance, under the present Federal tax structure a major part of the cost would be met by the Federal income tax. In this case there would tend to be a group and a geographic redistribution of income. Local responsibility would involve no geographic redistribution and a somewhat different redistribution as between groups. Again, the financing of relief through the sales tax (a tendency, unfortunately, which is showing itself) would place the burden on an economic group differing somewhat from the income-tax group.

²⁹ The competition of relief with private employment is not confined to the wage, earnings, and direct relief payment factors alone but under work relief includes conditions of work and the relative continuity and length of work offered by private industry and work relief.

the extent that relief, through its distributive effects, increases the proportion of national income available for consumers' expenditures, these fluctuations and insecurity tend to be diminished. On the other hand should the incidence of relief be on income available for consumer expenditures rather than on savings, and should relief exert a depressive influence on labor income a larger proportion of national income will be available for capital investment. This would tend to increase the possibility of violent fluctuations and the consequent economic insecurity.

The efficacy of relief by itself to assure a large measure of economic security and stability is limited. Other measures of collective action, such as social insurance, a national labor exchange, planned public works, and credit policy are essential parts of a comprehensive security program designed to assure, if possible, an adequate and continuous income to wage earners within the framework of modern capitalism.

SOME STUDIES OF THE PHYSIOLOGICAL SIGNIFICANCE OF HOMOCYSTINE

By HELEN MARIE DYER¹

Organic compounds containing sulfur are of the greatest importance in the animal organism. The organic sulfur compounds which are known to be present in the animal body and in foodstuffs are cystine, cysteine, glutathione, methionine, and ergothionine. The study of sulfur in relation to vital activities had long revolved around cystine bis (β -amino- β -carbozyethyl) disulfide, an amino acid which was first isolated in 1810 by Wollaston, when in 1921 the attention of biochemists was directed by Hopkins to the physiological significance of glutathione (glutamyl-cysteinyl-glycine). Mueller's isolation from proteins of a second sulfur-containing amino acid, methionine (α -amino- γ -methylthiol-n-butyric acid) led to investigations of its metabolic behavior.

In 1915, Osborne and Mendel demonstrated that cystine is one of the amino acids which is absolutely essential to proper maintenance and growth. Following that early observation many attempts were made to find a substitute for *l*-cystine in the diet, in an effort to explain the mechanism of the intermediate metabolism of this amino acid. Although a large number of sulfur-containing compounds were studied, both inorganic and organic, no substitute was found for *l*-cystine in support of the growth of animals on a cystine-deficient diet. When in 1931 Jackson and Block demonstrated that methionine could be substituted for *l*-cystine in support of the growth of animals on a cystine-inadequate diet, they established a unique position for this amino acid, which suggested that there must exist a metabolic relationship between cystine and methionine in the animal organism.

In 1932, Butz and du Vigneaud reported the isolation of the next higher symmetrical homologue of cystine from the decomposition of methionine by H_2SO_4 . They named the amino acid "homocystine." In that report it was pointed out that a study of the utilization of "homocystine" for growth purposes would be particularly interesting in view of the findings of Jackson and Block with respect to methionine. If demethylation takes place during the metabolism of methionine, then homocystine should also be expected to support growth on a cystine-deficient diet, since the demethylated derivative of methionine is homocysteine (α -amino- γ -thiol-n-butyric acid).

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The growth-promoting properties of homocystine when used to supplement a cystine-deficient diet have placed homocystine in a position with methionine in exhibiting the unusual behavior of being able to replace *l*-cystine in the diet. Consideration of the fact that no other substitute for *l*-cystine had been found, together with the observation that homocystine and methionine are closely related to each other structurally, and that homocystine had actually been prepared from methionine, suggested that homocystine might be involved in normal metabolism through a metabolic relationship to methionine and that the relationship between methionine and cystine might be related to the conversion of methionine to homocystine as a first step in the metabolism of the methionine. A series of investigations were undertaken in an effort to test the theory that homocystine is physiologically significant and that there is an intimate relationship in the metabolism of methionine, homocystine, and cystine.

EXPERIMENTAL

PROCEDURE FOR GROWTH EXPERIMENTS

For the growth studies a basal diet was employed which not only failed to support growth of the control rats, but actually caused the animals to lose weight continuously. When the basal diet was supplemented by *l*-cystine, however, in amounts of 20 mg per rat per day in the form of pills, or when *l*-cystine was incorporated in the basal diet in concentrations of 0.2-0.3 percent, there always resulted a resumption of a significant rate of growth by the animals. This diet had the following percentage composition: Casein 5.0, dextrin 38.0, sucrose 15.0, lard 19.0, cod-liver oil 5.0, salt mixture (Osborne and Mendel) 4.0, agar 2.0, and milk vitamin concentrate (Supplee, Kahlenberg, and Flanigan) 12.0. The food was prepared at least every ten days and was stored in the refrigerator.

When the supplements to the basal diet were given in the form of pills, the desired amount of the amino acid for the daily dose was administered in two dextrin pills. In many of the experiments it was found that the rats would not consistently eat the pills. It was therefore necessary to incorporate the supplements in the diet. The desired amount of the amino acid was then made to replace an equal weight of dextrin in the diet.

The experimental rats with two exceptions were obtained from our own stock which is the Wistar strain of white rat. In each experiment care was taken to run controls with *l*-cystine or methionine supplements, and also controls of animals fed on the basal diet alone. The controls were selected from the same litters and were run concomitantly with the test rats. An amount of test supplement was used which contained the sulfur equivalent of the control *l*-cystine supplement when the amino acid under investigation was an optically active modification, while an amount equivalent to twice the sulfur of the *l*-cystine was employed when the

material studied was optically inactive. Each animal was kept in an individual wire-mesh cage of the Mendel type. Water was always available. The food was provided *ad libitum* in porcelain cups, and a record of the food consumption was kept for each animal. The rats were weighed every fourth day.

AVAILABILITY OF INACTIVE HOMOCYSTINE FOR GROWTH

Three litters of rats were used in the growth experiments with inactive homocystine. The results consistently demonstrated that homocystine can support growth in lieu of cystine or methionine of the diet.

AVAILABILITY OF *d*- AND *l*-HOMOCYSTINE FOR GROWTH

The resolution of homocystine made available the optically active isomers of this compound for growth studies. It has been demonstrated that both *d*- and *l*-homocystine can be utilized for growth purposes by animals on a cystine-deficient diet.

GROWTH STUDIES OF S-BENZYL-HOMOCYSTEINE, OF HOMOCYSTEIC ACID, AND OF HOMOCYSTINE-AMINE-HYDROCHLORIDE

A limited number of animals were fed the cystine-deficient diets, supplemented with S-benzyl-homocysteine, with homocysteic acid, or with homocystine-amine-hydrochloride. The number of animals used was so few that there may be some criticism of any general conclusions which are drawn from the results, yet every animal has acted so consistently in this entire series of experiments that the failure of growth with these supplements seems to offer fairly conclusive evidence of the inability of these derivatives of homocystine to substitute for homocystine in support of the growth of rats on a diet deficient in cystine.

SYNTHESIS OF PENTOCYSTINE

The observations of the ability of homocystine and of methionine to support the growth of animals on a cystine-deficient diet suggested the possibility that other disulfide amino acids, and other methylthiol amino acids might conceivably support growth. The organic sulfur compounds which had previously been found incapable of substituting for *l*-cystine had included other disulfide acids but the homologues of cystine and of methionine had not been investigated.

Bis (δ -amino- δ -carboxybutyl) disulfide, which is the disulfide of the γ -carbon homologue of cysteine, and which for convenience has been called pentocystine, was synthesized and the method has been described in detail. S-benzylpentocystine and diformylpentocystine were also prepared and analyzed.

PREPARATION OF HOMOMETHIONINE

Homomethionine (δ -methylthiol- α -aminovaleic acid) was prepared from pentocystine by the reduction of the latter by sodium in liquid ammonia followed by treatment with methyl iodide.

GROWTH STUDIES OF PENTOCYSTINE AND HOMOMETHIONINE

The growth-promoting properties of pentocystine and homomethionine were tested by administration of the compound to young white rats upon the cystine-deficient diet. Pentocystine and homomethionine, unlike their respective homologues homocystine and methionine, cannot be utilized for growth by animals on a cystine-deficient diet.

GROWTH STUDIES OF ETHIONINE

α -Amino- γ -ethylthiolbutyric acid was synthesized and was called ethionine to emphasize the structural relation of this compound to methionine. It was of interest to see if this compound could also substitute in the diet for *l*-cystine, since if demethylation should actually occur in the metabolism of methionine with the production of homocysteine, then it might be expected that deethylation of ethionine might also occur in the animal organism with the production of homocysteine. Growth experiments demonstrated that methionine alone has its usual stimulating effect upon growth, that ethionine results in a rapid loss of weight followed in a short time by death, and that a mixture of equivalent amounts of methionine and ethionine enable the animal to maintain its weight but any growth which occurs is very slow.

GROWTH STUDIES OF HOMOCYSTEINE-LACTONE-HYDROCHLORIDE

Some interesting growth studies with this compound have been undertaken in order to compare the biological behavior of this substance with its chemical behavior which was being investigated by Dr. du Vigneaud and Dr. Riegel. The lactone is able to substitute for *l*-cystine in support of growth.

THE APPEARANCE OF A DISULFIDE REACTION IN URINE AFTER METHIONINE ADMINISTRATION TO ANIMALS

Following the subcutaneous injection of methionine in rats and a monkey, a positive nitroprusside reaction (indicating the presence of disulfide) was observed in the urine which was voided during the next 24 hours. Attempts to isolate a disulfide compound resulted in failure. A portion of the material which was responsible for the disulfide test was found to be steam volatile, although in each case there remained a faint positive reaction in the residue after successive additions of water followed by distillation to dryness.

THE SEARCH FOR AN ENZYME WHICH WILL CONVERT METHIONINE TO HOMOCYSTINE

Methionine of various concentrations was incubated with physiological saline or Kreb's buffer extracts of the liver, muscles, or embryos of rats, with the muscles of rabbits, and with the blood of dogs. Yeast extracts, and cultures of *Sacchromyces cervisae* (yeast) in a modified Sabourand media were also incubated with methionine. Samples of these mixtures were examined at intervals by the sodium nitroprusside reaction. No increase in SH or SS groups was observed.

PHLORHIZIN STUDIES

These studies were made according to the method of Coolen. Homocystine or homocysteine was administered by mouth or by subcutaneous injection, and the "extra" glucose of the urine was determined. Difficulties were encountered as a result of the great insolubility of the disulfide, and the toxicity of the reduced form. No actual increase in the glucose, or total nitrogen of the urine was found after the administration of this amino acid, and very little increase in the urinary sulfur was observed, yet calculations which were made according to the accepted method indicate that homocystine is converted to glucose in the phlorhizinized dog.

DISCUSSION

The experiments showing that pentocystine, homomethionine, and methionine cannot be utilized for growth by animals on a cystine-deficient diet prove that the ability of homocystine and of methionine to replace *l*-cystine for this purpose is not a general property of disulfide amino acids, of methylthiol amino acids, or of alkylthiol-butyric acids respectively. These observations lend support to the conception that the availability of homocystine and of methionine for growth rests on a specific metabolic relationship between these compounds and cystine. The fact that both methionine and homocystine exhibit this unusual behavior, together with the knowledge of the ease of conversion of methionine to homocystine *in vitro*, strongly suggest a metabolic relationship of homocystine to methionine as well as to cystine.

Additional evidence of a similarity in the physiological behavior of homocystine and cystine has been found in the failure of homocysteic acid, of homocystine-amine-hydrochloride, and S-benzyl-homocysteine to serve for the growth of rats, since the analogous derivatives of cystine have been shown by other investigators to be incapable of substituting for cystine in the diet. The behavior of homocystine with respect to spatial configuration is similar to that of methionine but in contrast to that of cystine. According to the theory that homocystine represents the first step

in the metabolism of methionine one would expect both *d*- and *l*-methionine to be converted in the body to the corresponding homocystine, since both optical isomers of methionine are utilizable for growth. If this conception is correct, one would expect to find that both *d*- and *l*-homocystine would also be utilizable. The results therefore may be said to strengthen the conception of an interrelationship in the metabolism of homocystine and methionine.

Although the results of attempts to isolate a disulfide which is responsible for the positive test in the urine following methionine administration indicated that only a small amount of nonvolatile disulfide was actually present in the urine, the fact that there was even a trace of disulfide is suggestive of the possibility of the methionine having been converted to homocystine, since such a conversion would be expected to take place gradually and the homocystine thus produced would be expected to be readily oxidized by the body.

The results of the studies with tissue extracts would seem to prove that an enzyme which is capable of converting methionine to homocystine does not exist, if optimum conditions for the activity of such an enzyme obtained in these investigations. The work was planned with the idea that such an enzyme if it did exist would function as a catalyst of a hydrolytic process. It is possible however that a conversion of methionine might be brought about through the activity of a special reductase and that the enzyme if it did occur in the tissues might be inhibited by the presence of air.

If further studies of the fate of homocystine in the phlorhizinized dog should confirm the observations which have been made, this conversion of homocystine to glucose will afford another similarity in the metabolism of this compound to that of cystine and of methionine.

While these investigations have been proceeding in this laboratory, evidence in support of the metabolic relationship of methionine, homocystine, and cystine has been accumulating from various sources. Lewis and his coworkers have reported the presence of a disulfide noncystine reaction in the urine after the feeding of methionine to rats, rabbits, and dogs. Vars noted a similar finding in the urine of a phlorhizinized dog after methionine. Pirie found a positive disulfide reaction in fluid in which tissue slices had been shaken with methionine. He also observed that the rate of oxidation of the methionine in this system was slower than that of cysteine, which would be in agreement with the idea that demethylation must take place before oxidation occurs. Du Vigneaud, Loring, and Craft have demonstrated that homocystine is as readily oxidized as either methionine or cystine in the animal body. Tarr has found that *Proteus vulgaris* and *Serratia marcescens* are able to produce H_2S from both cystine and homocystine. Brand and his colleagues have reported a similarity in the behavior of cystine and homocystine when fed

to a cystinuric in the readiness with which these two amino acids appear to be oxidized in the individual with the absence of any increase in the cystine excretion in the urine. On the other hand the reduced forms of these amino acids, cysteine and homocysteine, and the amino acid methionine resulted in an increased urinary cystine excretion when administered to the cystinuric. This behavior indirectly lends support to the assumption that methionine may be converted to homocysteine in metabolism.

CONCLUSION

The experimental data have not proved that methionine is converted to homocysteine in the animal organism, nor that the ability of methionine and of homocysteine to replace *l*-cystine in the diet for the support of growth is a result of the ability of the cells to convert these substitutes to cystine. All of the experimental observations however point to a unique role in this biological behavior of methionine and of homocysteine, and indirectly they tend to support the theory that there is a structural relationship involved in the metabolism of cystine, methionine, and homocystine.

THE CENTRAL RURAL SCHOOL DISTRICT OF NEW YORK—A SATISFACTORY UNIT OF SCHOOL ADMINISTRATION

By WALTER HERBERT GAUMNITZ¹

BACKGROUND OF STUDY

Nothing is more important to public education than the development in rural communities of a satisfactory unit of school administration. The highly decentralized common school district, which grew naturally out of the desire of the people to provide under frontier conditions the rudiments of an education to all of the children, is generally admitted to be unsatisfactory for present-day needs. Almost inevitably the schools maintained by such decentralized districts are too small to be efficient either educationally or financially. They seldom conduct effective programs of elementary education, and secondary education is entirely out of the question for the children living in such districts unless arrangements can be made with neighboring units of school administration. They cannot provide housing and equipment facilities suitable to the various modern school needs. As a group the common school district is widely recognized as one of the chief sources of financial waste and of educational inequality.

It has been shown by this study that the State of New York has always ranked high among the States of the Union in the large number and in the smallness of its local school districts. Indeed, so small are many of its districts in area and so sparse are they in population that one frequently finds schools maintained for fewer than five pupils. Strenuous efforts have been made since the beginning of the system of public education in this State, first, to restrain the formation of districts which are too small and, second, to abandon and consolidate those in which there is insufficient population and wealth to maintain an efficient system of schools. Many factors such as changes from small- to large-scale farming, migration toward the city, conservation and other land policies, the declining birth rate, etc., are constantly operating to add to the problems connected with the maintenance of schools in rural communities. When it became apparent that small schools were not only expensive but that it was most difficult to achieve in them desirable educational results, the question of how to reorganize them into larger and more satisfactory units became a paramount issue. This issue has long been kept in the forefront of public

¹ B.S. 1921, A.M. 1924, University of Minnesota; Special Diploma 1925, Teachers College, Columbia University; Ph.D. conferred June 5, 1935.

thinking by educational leaders, both of New York State and of many other States.

In New York various efforts have been made from time to time to consolidate and in other ways to change the small common school districts into larger ones. To effect this objective, authority was from the beginning given the State superintendent of public instruction and through him to the county and district superintendents to fix, alter, and remove district boundary lines. For the most part the people concerned were given an opportunity through their immediate representatives to approve or disapprove such changes or to have a hearing on the changes proposed in case of disagreement. But in time this policy was modified so that changes could be made more and more arbitrarily. Because of this and because of the tendency of such changes to involve additional costs, the altering of district lines and the consolidation of small districts into larger ones stirred up a great deal of feeling and opposition. As a result very little progress could be made except in the more thickly populated centers where secondary education became a unifying factor. Despite excellent leadership and incessant effort no significant results were accomplished in this State toward the reduction of the very large number of common school districts of the rural communities and their reorganization into larger ones.

In 1925 New York enacted a law known as the Central Rural School Law. The almost immediate effect of this legislation was that a very great number of comparatively large reorganizations of rural districts was brought about. Despite the fact that the initiative for making such reorganizations was restored to the people, large numbers of the small rural districts were abandoned and centralized schools established. In the brief span of years since this law was enacted about 150 such consolidations have been formed, absorbing approximately 1,700 smaller units. The educational leaders of the State give their enthusiastic support to the movement and appear to be well satisfied with the educational results obtained.

THE PROBLEM AND PURPOSE OF THE STUDY

The primary purpose of this study was to examine critically the laws and the principles of school administration under which this plan was inaugurated and to evaluate, so far as possible, the results which this form of school organization has achieved. The secondary purpose was to determine to what extent the central rural school district is a satisfactory unit of school administration which can be successfully employed elsewhere.

The hope was that such an investigation would serve as a case study which would yield helpful guides toward the solution of the baffling problem of providing a satisfactory system of schools for rural communities.

THE FINDINGS

The following findings have resulted from the study:

1. Smallness is a problem not only of rural elementary schools but the effort to make secondary education universally available has resulted in the establishment and maintenance of many extremely small high schools in the rural communities of this State. The consolidation of rural districts must therefore take into account the problem of improving the secondary as well as elementary program of public education.

2. It was found that any successful plan for the reorganization of the common school districts must be founded upon policies of school organization and administration which are in harmony with the democratic ideals of the people or it will be resisted and brought to nought. The voters involved must be given an opportunity to register their wishes but a minority must not be allowed to prevent the greater good.

3. The policy of making the consolidated district a favorite of the financial program of the State is found to be justified because (a) desirable changes in an institution which is so deeply entrenched by tradition in the hearts of the people and so intimately identified with their interests as the public school can be more easily and effectively made through financial rewards than through dictums of law; (b) the centralization of rural schools involves many expenditures such as the transportation of the pupils, the rehousing of the schools, the expansion and enrichment of the educational program, etc., which impose sudden burdens upon the local taxpayers too great for them to meet without aid from the state; and (c) school incomes are usually proportionately lower in rural than in urban communities unless equalization is provided through state aid. Moreover, some of the increases in educational costs are inherent in and peculiar to the rural situation.

4. The organization of a satisfactory unit of rural school administration is dependent upon a careful survey of the community in question. Such a survey must consider the logical community center; the distribution, composition, and trends of the population; the availability and condition of roads; the condition and location of existing schools; the logical centers and the adequacy of the attendance areas for primary and secondary schools; the nature and breadth of the program of education to be undertaken; the financial conditions of the districts to be included; and above all the size of unit to be included. All of these are provided for in the Central Rural School Plan of New York but the study produced evidence to show that the standards employed in the several consolidations varied widely.

5. Fundamental tests of a satisfactory unit of school administration are that such a unit should be large enough (a) to provide an attendance area for each school of sufficient size to yield an enrollment which will result in an efficient school, that is to say a school large enough to provide an

acceptable program of education at reasonable costs, and (b) to produce an administrative and supervisory unit large enough to provide all of the special services essential to a modern school system. The central school districts are a great deal larger than the common and union free school districts which they replace and they show evidence of growing larger. The majority of the elementary enrollments in the centralizations most recently formed tends to approach 300 pupils, thus exceeding the minimum norm set up by educators as essential. In the matter of high schools many of the central districts fail to show enrollments large enough to meet accepted minimum norms but these enrollments were found to be larger than those found in the majority of the rural high schools either of New York State or of the nation as a whole. As concerns general educational services, it was found that the central districts have made possible a large number of activities which could not be provided in rural communities prior to reorganization. These include such services as a school nurse, music instruction, athletic programs, improved library services, student organizations, and the like. Pupil-teacher ratios, however, continue to be low, thus indicating that these special services are provided for a group too small to result in the greatest possible efficiency. The per capita costs therefore tend to run high in the central districts.

6. A satisfactory unit of school administration should provide a complete program of modern education. The central school has brought to the rural communities a graded program of elementary education, a complete four-year program of secondary education, special efforts to care for the needs of the junior-high-school grades, various auxiliary school services, a modern school plant and equipment, an improved corps of teachers, a much greater and a more regular attendance, the transportation of pupils wherever necessary, better school supervision, and many other educational improvements. It has, however, not greatly improved the curriculum offerings as concerns the practical needs of rural life. But if the central district is unsatisfactory in this respect it is more satisfactory than the high-school districts of the State in general.

7. The improvements in the educational opportunities provided for rural children through the central rural school district have resulted in great increases in unit expenditures but these costs are not as high as those found in the one-teacher districts which they displace. However, these costs are higher in the central districts than in any of the remaining types of school districts in the State. Such higher costs were found to be defensible in rural communities both because of the educational difficulties inherent in the sparsity of rural populations and because of the initial costs entailed in the reorganizing and rehousing of the new and enlarged school program.

8. Considering central districts as wholes, the increased school expenditures have not resulted in any material increases in the tax rates. The

increased costs have as a rule been offset by special advantages in State aid. Individual local districts which had disproportionately low tax rates prior to reorganization suffered considerable increases in taxes paid and those paying high rates enjoyed equal and even greater reductions in taxes. One of the most desirable outcomes of the centralization of rural schools is the equalization of the tax burdens. This outcome has, however, been greatly reduced in importance under the operation of the present system of distributing the State school funds on an equalization basis.

9. The outstanding feature of the State-aid laws relating particularly to the central districts is that which provides for the payment of one-fourth of the cost of the construction, remodeling, and repair of school buildings necessitated by a centralization. Other important features which operate to place the central district in an advantageous position in the matter of State aid are as follows: The central district is entitled to all the aids to which the constituent units would have been entitled had they continued as separate units; it receives the "same apportionments and quotas which a Union Free school district is entitled to receive"; it receives tuition quotas and apportionments for any nonresident pupils who might attend school in such districts; and it is entitled to one-half of all transportation costs approved by the Commissioner as necessary. These various aid provisions have resulted in making available greater amounts of aid than many central districts are able to qualify for because of the limiting proviso that they may not draw aid "greater than the amount of the excess of the total expenditures for school purposes in such district above the aggregate of the amount which would result from a tax of five mills on each dollar of actual valuation of taxable property in such districts and the other public moneys apportioned to such district as provided by law" The various aid provisions applying to central rural schools are extremely complex. It would seem that if these could be simplified their administration would be facilitated and their advantages would be more easily understood.

DEFECTS OF THE PLAN

The study brought to light the following defects of the Central Rural School Law and the unit of school administration created by it:

1. The law provides that instruction for the primary grades must be continued in the local schools after centralization has been effected until such time as the patrons of such schools shall by vote decide to close them. Most of the local school organizations choose to abandon these small schools and send the children concerned to the central schools, but a few of them refuse to do so, thus continuing in operation some of the small, inefficient, and costly schools which this plan was inaugurated to displace. Of course it should be pointed out that this concession is often necessary in order to effect centralizations which would otherwise be opposed by

conservative patrons who insist upon keeping the small children near their homes. The contention of the school administrators of the State is that the retention of these small schools is temporary and that this apparent defect is justified in the interest of the greater good.

2. The plan provides that the consolidations shall be large enough to be satisfactory as units of school attendance, particularly in the high-school levels. The study, however, produced evidence to show that centralizations often fail in this objective. As pointed out above, the central schools are often too small to meet accepted minimum norms for the size of the high-school enrollment. The result is that such schools either cannot serve all of the functions demanded of a modern high school or the classes will be small and the unit costs high. Both of these defects are found in the smaller central rural school districts.

3. The plan provides that all of the area logically constituting a part of a school community shall be included in the forming of any proposed centralization. This proviso, however, comes into conflict with a policy of the State Education Department that cities or towns which have been organized as independent superintendencies cannot join with other districts to form rural school centralizations. This latter policy is founded upon the assumption that such independent districts are urban in character and that the special aid advantages provided by the plan were intended by the legislature to benefit rural and not urban areas. The result of this clash in policies is that certain towns and cities which should logically form the center of certain centralizations are left out entirely. Central districts are in consequence formed which are not true educational or community centers and which do not include all the area logically belonging to a given social unit.

4. Even though the State-aid plan operates in such a manner as to safeguard farm people against exorbitant tax rates despite great and rapid improvements in the educational program, the contention cannot be denied that the enormous increases in cost must be paid out of the total resources of the citizens of this commonwealth. Thus far the plan has tended to increase the school costs of the State rather than reduce them. Great educational gains have been achieved through these increased expenditures but it has not yet been established that the educational results obtained are commensurate with the increases in expenditures. This study could not go into this matter with sufficient intensiveness to test this aspect of the problem.

CONCLUSIONS

The central rural school district has been successful in bringing to the rural communities of New York great improvements in both the quantity and the quality of the education provided. It has been instrumental in displacing large numbers of the small, inefficient local districts. It has

won the popular approval of the people, despite the fact that ill-advised practices of school administration had aroused opposition and resentment against rural-school consolidation. The law creating this district and the administrative policies evolved to govern it contain many provisions especially designed to meet the educational needs of rural people. These for the most part operate so successfully that they may be recommended generally for the solution of the rural-school problems to which this study was directed. The defects pointed out should be carefully considered. Some of them will undoubtedly be found from a practical viewpoint to be defensible as the lesser of two evils. The writer feels that school officers of other States can learn a very great deal from a careful study of the facts presented by this investigation concerning the Central Rural School District of New York.

THE FLOUR BEETLES OF THE GENUS "TRIBOLIUM"

By NEWELL EMANUEL GOOD¹

The confused flour beetle, *Tribolium confusum* Duv., and the rust-red flour beetle, *T. castaneum* (Hbst.), are by far the most abundant and destructive beetles infesting flours and other prepared cereal products. These insects are cosmopolitan and are now recorded as pests in practically every civilized country of the world.

REVISION OF THE GENUS TRIBOLIUM

This genus was characterized in 1825 by MacLeay and the name *Tribolium* has been in general use since that time. The name *Margus*, first used by Dejean in his catalogue in 1833 and characterized by Redtenbacher in 1845 and 1849, is here made a simple synonym of *Tribolium*. The genus *Stene* was erected by Stephens in 1832 for *Tenebrio ferrugineus* Fabricius but since this species was really a cucujid, as is shown below, the name *Stene* cannot be used as a synonym or subgenus of *Tribolium*.

The synonymy of the type species is very much confused. The name *ferrugineum* (Fab.), 1781 or 1787, which is in general use in the United States, is untenable because the type specimen has been found by prominent English Coleopterists to be a cucujid. The name *navalis* (Fab.) cannot be accepted because Fabricius' description of *Dermestes navalis* 1775 cannot refer to our species. The *Ips cinnamomea* of Herbst (1792) does not refer to our species for the same reason. The description of *Colydium castaneum* by Herbst in 1797 is found to be the first description of our species, the name for which thus becomes *Tribolium castaneum* (Herbst). The names of the other species are not questioned.

In the genus *Tribolium* the color of the body ranges from ferruginous to black, and the entire surface of the body is more or less punctate. The clypeus and genae are enlarged and the eyes are emarginated by the latter. The antennae are 11-jointed and either gradually enlarged toward the tip or with a distinct 3- or 5-jointed club. The elytra are punctate-striate and with the intervals usually raised or carinate. The epipleurae are entire but very narrow at the tip; wings are present in all species.

Seven species are included in the genus. These are *castaneum* (Herbst), *confusum* Duval, *madens* Charpentier, *destructor* Uyttenboogaart, *gibient* Uytt., *indicum* Blair, and *myrmecophilum* Lea. The last-named species is placed in a separate subgenus *Leanum* as was done by Uyttenboogaart in 1934. The species may be briefly characterized as follows:

¹ A B. 1927, Heidelberg College, M.S. 1929, The George Washington University, Ph.D. conferred June 5, 1935

T. castaneum—length 3.0 to 3.73 mm, color uniform ferruginous, punctation moderate, eyes not margined above, space separating eyes ventrally equal to the diameter of each eye, antennae with a distinct 3-jointed club, prothorax smooth and shiny, intervals of elytra moderate.

T. confusum—length 3.1 to 3.82 mm, color uniform ferruginous or reddish brown, punctation moderate, genae prominent, eyes margined above, space separating eyes ventrally equal to three times the diameter of each eye, antennae gradually enlarged, prothorax smooth and shiny, intervals of elytra moderate.

T. madens—length 3.6 to 4.4 mm, body dull black, legs, antennae, and mouthparts reddish, eyes not margined above, space separating eyes ventrally equal to about three times the diameter of each eye, antennae with a distinct 3-jointed club, first and second elytral intervals smooth, the others more or less raised.

T. destructor—length 4.3 to 5.4 mm, color dark maroon, eyes narrowly margined above, space separating eyes ventrally equal to nearly two times the diameter of each eye, antennae gradually enlarged, the first and second elytral intervals smooth, the others more or less carinate.

T. gebieni—length 5.0 to 5.5 mm, color ferruginous or castaneous, antennae gradually enlarged, punctation coarse and close, prothorax roughened and dull, elytral intervals raised into sharp carinae.

T. indicum—length 3.2 to 4.2 mm, color uniformly dark castaneous, surface roughened and dull, eyes sharply margined above, space separating eyes ventrally slightly less than the diameter of each eye, antennae with an indistinct 5-jointed club, prothorax rugulose, all elytral intervals raised into sharp carinae.

T. myrmecophilum—length 4.3 to 4.6 mm, color ferruginous or castaneous, antennae gradually enlarged, terminal joint small and in the shape of an inverted triangle, space separating eyes ventrally equal to one and two-thirds times the diameter of each eye, apex of prothorax narrower than base, scutellum very small, semicircular, all intervals of elytra smooth and flat, tibiae stout, hind tarsi robust, first joint short, somewhat triangular, body broad and stout.

HISTORY, DISTRIBUTION, AND ECONOMIC IMPORTANCE

Of the above seven species, two are of very great economic importance as was stated in the first paragraph. Two other species which are of minor importance in seeds, flour, and other cereal products are the black flour beetle *T. madens* and the species recently described as *T. destructor*. The other species are of no economic importance.

These beetles, excepting *myrmecophilum* and perhaps *gebieni*, are probably native to the region comprising southwestern Asia and the eastern Mediterranean lands. Their original habitat was under the bark of trees and in rotting logs where they probably lived as scavengers.

Both *T. confusum* and *T. castaneum* are cosmopolitan, but *T. confusum* is more common in temperate regions, and *T. castaneum* is more nearly a subtropical insect. *T. madens* has been recorded from North America, Europe, and Egypt and *T. destructor* from Germany and Holland. *T. indicum*, *T. gebieni*, and *T. myrmecophilum* apparently have a very limited range, the first being recorded from India and Northern Africa, the second from Paraguay, while the last is known only from southeastern Australia.

Practically all of the early references to these insects concern the synonymy or description of *T. castaneum*. The first important economic contributions on the genus are those of Chittenden starting in 1895. Chapman, starting with a very valuable paper in 1918 made perhaps the greatest contributions to our knowledge of *T. confusum* and has used this insect extensively as an experimental animal. Recent contributions by Park, Brindley, and a limited number of other writers are also of importance.

The flour beetles are particularly injurious in flour mills and in other establishments that prepare cereal products, where they are pests in flour and all other prepared cereal products and also in grain and seeds. They are nearly omnivorous and in addition to the above foodstuffs have been reported breeding in and damaging animal matter and especially dry insect specimens, yeast, nuts, dried fruits, chocolate, certain spices, and other miscellaneous plant products.

LIFE HISTORY OF *Tribolium castaneum* AND *T. confusum*

The eggs, which are laid directly in the flour or other food material, are covered with a sticky substance that causes the foodstuff to adhere to them and often completely cover them. The incubation period for *T. castaneum* averaged 4 days at 30° C., 5.3 days at 27° C. (80.6° F.), 6 days at 25° C. (77° F.), and about 9 days at room conditions where the temperature averaged 22° C. (71.6° F.). The incubation period for *T. confusum* averaged 6.8 days at 27° C. (80.6° F.), and 12.8 days at room conditions where the temperature averaged 21° C. (69.8° F.).

The number of larval instars ranges from 5 to 12 with an average of 7 or 8. Environmental conditions, especially food and temperature, influence the number of instars considerably. However, there may be considerable individual variation in the number of instars of larvae reared under identical conditions.

The duration of the larval period ranges from 22 to over 100 days according to the influence of environment and the effect of individual variation. The optimum temperature for development seems to be close to 30° C. (86° F.) for both species. Of the foods used, whole-wheat flour was most favorable for development, followed by middlings, bran, cornmeal, and white flour in the order named. Measurements for the various stages and for the larval instars, including the width of the head capsule, are given.

The average pupal periods were, for *T. castaneum* at 30° C. (86° F.) 5 days, at 27° C. (80.6° F.) 7.1 days, at 25° C. (77° F.) 8.8 days, at room temperature in early summer 8.5 days; and for *T. confusum* at 27° C. (80.6° F.) 7.9 days in continuous light and 8.7 days in continuous darkness. Adult males and females are so nearly alike in external appearance that they are difficult to separate, although the sexes can be readily recognized in the pupal stage by the characteristic shape of the venter of the last abdominal segment.

Adults of *T. castaneum* can fly short distances, but adults of *T. confusum*, although provided with wings, have never been observed to fly. Adults of both species possess scent glands that give off a pungent odor.

Breeding continues the year round in heated buildings, but in unheated mills in the Northern and Central States only adults are present during the winter. Adults have been known to live as long as 3 years and 271 days. The average longevity of the adults used in the oviposition experiments was as follows: *T. confusum* males, 631 days; females, 447 days; *T. castaneum* males, 547 days; females, 225 days. *T. confusum* males have proved fertile at 3 years and 76 days of age. The greatest age at which a female laid fertile eggs was 1 year and 94 days.

Resistance to starvation varies inversely with the temperature, and the two species seem equally resistant. The longest survival periods for adults without food are as follows: At 30° C. (86° F.) 18 days, at room temperature 23 days, at 15° C. (59° F.) 27 days, at 10° C. (50° F.) 51 days. The longest survival periods for larvae without food were 23 days at 30° C., 46 days at ordinary room conditions, and 54 days at 15° C.

The longest oviposition periods recorded were 432 days for *T. confusum* and 308 days for *T. castaneum*. The average oviposition period for *T. confusum* was about 8 months, while that of *T. castaneum* was about 5½ months. The average number of eggs laid per day during the entire oviposition period of any female was about 2, and the highest number recorded in one day was 13. The greatest number of viable eggs laid by a single female during its entire oviposition period was 976 for *T. confusum* and 956 for *T. castaneum*. The average number laid by *T. confusum* females was 468 while that of *T. castaneum* was 327.

INTERRELATION WITH OTHER ANIMALS

T. castaneum has been experimentally proved to be one of the intermediate hosts of the tapeworm *Hymenolepis diminuta* in Japan.

A disease caused by a coccidian, *Adelina* sp., is often found in rearings of *Tribolium* and kills large numbers of the insects. The mite *Acarophenax tribolii* is the most common parasite of these beetles. Another mite, the common *Pediculoides ventricosus*, sometimes attacks *Tribolium*. The hymenopterous parasites *Rhabdopyris zeae* and *Sclerodermus immigrans*

have been recorded from *Tribolium* but seem to be rather rare. Predators attacking *Tribolium* are the hemipteron *Xylocoris cursitans* and adults of the cadelle, *Tenebroides mauritanicus*. Adults of *Tribolium* may themselves be predatory to a certain extent.

CONTROL METHODS

The most satisfactory methods for the control of these pests in flour mills are by fumigation with hydrocyanic acid gas or chloropicrin or by superheating. In houses all cereal products, especially flour, in which the beetles are suspected of being present should be placed in a shallow pan and heated in an oven for a time with a very low fire.

THE SYNTHESIS OF CARNOSINE AND SOME STUDIES ON ITS PHYSIOLOGICAL BEHAVIOR

By ROBERT HARRIS SIFFERD¹

The physiological origin and function of carnosine present some particularly intriguing questions. The compound contains the imidazole ring which is so often suggestive of physiological activity, and it is as well a peptide of the only β -amino acid known to occur in nature. Carnosine, or in some cases its methyl derivative, anserine, has been found in the extractives of all vertebrate musculature which have been examined, and with the exception of creatine is the most abundant of the nitrogenous extractives. Although numerous workers have investigated various phases of the biochemistry of carnosine during the last thirty-five years, practically nothing is known of its source, its role in physiological economy, or its fate.

At least a part of this lack of knowledge is due to the relative inaccessibility of the compound. Its isolation from muscle tissue is at best a tedious process, and the syntheses which have been devised have unfortunately given very low yields.

Obviously if the compound were made more readily available a variety of physiological studies might be undertaken which have been practically out of reach in the past. To approach this goal, we undertook the synthesis of carnosine and have succeeded in working out a method by which the pure crystalline peptide can be obtained with a yield of 65 percent of the theoretical, calculated from the histidine used. This is more than a tenfold increase over the yields of the two previously reported syntheses.

The constitution of this dipeptide, which was first isolated from the extractives of muscle tissue by Gulewitsch and Amiradzibi in 1900, was shown by the work of Baumann and Ingvaldsen and independently by Barger and Tutin in 1918 to be the β -alanyl-*L*-histidine. In addition to assembling analytical proof for this structure, both groups succeeded in synthesizing the compound. In the synthesis effected by Barger and Tutin, β -nitro propionyl chloride was condensed with histidine methyl ester. The coupled product was reduced and saponified, and an extremely small yield of carnosine in the form of the copper salt was obtained. Baumann and Ingvaldsen condensed β -iodopropionyl chloride with histidine and then treated the iodo compound with ammonia. A rather discouraging quantity of the free base was isolated. Although these syntheses sufficed for structural proof, neither of them offered much hope from a preparative standpoint.

¹ B.S. 1931, M.S. 1932, University of Illinois; Ph.D. conferred June 5, 1935.

In the present investigation we have taken advantage of the excellent and ingenious carbobenzoxy method of Bergmann and Zervas. The β -alanine used in the synthesis is prepared from succinimide by the Hoffmann hypobromite reaction, the details of which were kindly placed at our disposal by Professor H. T. Clarke. Instead of isolating the free β -alanine, however, we have made use of the very slight solubility of the carbobenzoxy- β -alanine and have isolated the amino acid as its carbobenzoxy derivative, which is to be used in the carnosine synthesis. The carbobenzoxy- β -alanine is treated with PCl_5 , and the resulting acyl chloride is allowed to react with methyl alcohol. The methyl ester is then dissolved in ethyl alcohol and refluxed with an excess of 42 percent aqueous hydrazine hydrate. The hydrazide crystallizes beautifully from the reaction mixture on cooling and can be obtained consistently in yields better than 75 percent, reckoned from the carbobenzoxy- β -alanine. The hydrazide is converted to the acid azide by treatment with nitrous acid, and simultaneously histidine methyl ester dihydrochloride is converted to the free ester by treatment with sodium methylate. Both the histidine ester and a quarter-mole excess of the azide are taken up in chloroform and allowed to react at room temperature. After a time suitable for the reaction, the carbobenzoxy peptide ester in chloroform solution is saponified by shaking against an aqueous solution of four equivalents of NaOH . After three to four hours' shaking the layers are separated and the alkali exactly neutralized with sulfuric acid. The mixture is evaporated completely to dryness and the carbobenzoxy carnosine is extracted from the sodium sulfate with hot ethyl alcohol. On cooling the alcoholic extract, the carbobenzoxy peptide crystallizes in small needle clusters. The net yield calculated from the histidine ester dihydrochloride, is 85 to 90 percent.

The free dipeptide may be obtained by catalytic hydrogenation with palladium black according to the method of Bergmann and Zervas, this procedure in our hands yielding about 80 to 90 percent of the theoretical.

We have also found that the carbobenzoxy peptide can be readily converted to the free peptide by treatment with sodium in liquid ammonia. This reaction is carried out simply by dissolving the carbobenzoxy compound in liquid ammonia and adding three equivalents of metallic sodium. The ammonia is evaporated off, the residue is taken up in water, and hydriodic acid is added equivalent to the sodium used. After evaporating to dryness, one simply extracts away the sodium iodide and the benzyl residue with absolute alcohol and recrystallizes the carnosine which has been left behind. This method has given as good yields as has the catalytic hydrogenolysis. The synthetic carnosine obtained in either case agrees in physical and chemical properties with a sample of carnosine which we isolated from fresh sheep muscle.

Previous reports on the pharmacological action of carnosine have conflicted, particularly concerning the toxicity of the compound when intro-

duced parenterally. With the exception of a few preliminary tests with synthetic material by McClintock and Hines, all such observations have been made with material isolated from natural sources. It is conceivable that the presence of small, varying quantities of a highly potent pharmacologically active substance—histamine, for example, has been isolated from muscle tissue—may be responsible for the conflicting observations of phenomena attributed in the literature to carnosine. We have confirmed in general the reports that carnosine causes a fall in blood pressure and is perhaps one-fiftieth as active as histamine. The response to carnosine is, however, quite different from that elicited by histamine.

The intravenous administration of histamine into the cat, in doses sufficient to cause a decrease of 30 mm arterial blood pressure, causes a rapid fall followed by a very slow, gradual recovery to normal over the course of four to five minutes. Five milligrams of carnosine under the same conditions cause a similar rapid depressor action, but the return to normal is very prompt, occurring within 30 seconds, about the time required for one complete circulation of the blood. The compound in contrast to histamine produces no effect whatsoever upon heart rate or amplitude.

Another point of interest is the fact that a previous dose of epinephrine causes a temporary inhibition to the action of carnosine, which may be relieved by a dose of histamine. The carnosine action in any case is of very brief duration even with many times the maximal dose, and we have not been able to demonstrate any marked tolerance to the compound nor any pronounced toxicity.

We have observed that carnosine produces no blood-pressure response whatsoever in the case of the fowl, even in doses several times that which causes a 40-mm decrease in the blood pressure of the cat. This point is of interest since the muscle of the fowl contains no carnosine but rather the methyl carnosine or anserine. A determination of the blood-pressure response to anserine in the fowl is immediately suggested.

These observations have been chiefly for the purpose of orienting ourselves with the compound and we expect to pursue this phase of the work further. We have also begun studies pertaining to the intermediary metabolism of carnosine in an attempt to throw some light on its possible source in the body. Feeding experiments with white rats on a histidine-deficient diet indicate that the dipeptide can replace histidine as an essential dietary component, whether administered orally or subcutaneously.

In this connection we have developed a new method for the preparation of a histidine-deficient diet. Commercial casein is hydrolysed with sulfuric acid, the sulfate removed with barium hydroxide, and the concentrated amino-acid mixture fractionated by electro dialysis, following in general the method of Cox, King, and Berg for the isolation of histidine from

blood paste. The arginine and lysine, being more basic than histidine, dialyse to the cathode first and repress the migration of the less basic histidine. After the dialysed arginine and lysine have been removed from the cathode compartment of the electrodialysis cell, the histidine migrates almost quantitatively to the cathode leaving the neutral and acidic amino acids in the center and anode compartments respectively. After so removing the histidine, the arginine and lysine fractions are combined with the neutral and acidic amino acid fractions, and evaporated to dryness. This amino acid mixture, incorporated at a 10 to 15 percent level in the ordinary experimental diet supplemented with cystine and tryptophane, appears to serve admirably as a basal diet, not permitting growth except when supplemented with histidine or a histidine substitute. If this experimental diet continues to prove successful, it will obviate the difficulties which we have encountered in respect to the variability of histidine-deficient amino-acid mixtures prepared by the customary silver oxide-barium hydroxide precipitation of histidine from hydrolysed casein. In addition it will greatly reduce the heavy expense and labor involved in the silver method.

Syntheses of related dipeptides of histidine are in progress, with which in similar studies we hope to demonstrate the possible origin of this unique, naturally occurring dipeptide, *carnosine*.

A MONOGRAPH OF THE FILARIOIDEA AND DRACUNCULOIDEA (NEMATODA) OF BIRDS

By EVERETT ELMER WEHR¹

In the preparation of the present paper the writer had a twofold purpose. The primary reason was to substitute for the present unsatisfactory system of classification of the groups Filarioidea and Dracunculoidea another system based not merely on adult but also on larval structures; the other reason was to continue the series of monographic papers on the nematodes of birds commenced in 1927 by Dr. E. B. Cram of the Zoological Division, Bureau of Animal Industry, who in that year published a monograph on the bird nematodes belonging to the suborders Strongylata, Ascaridata, and Spirurata.

In the present paper the writer has brought together under one cover descriptions of all the recognizable adult nematodes of birds belonging to the two above-mentioned groups. There are described in the literature a number of larval forms which have not been included in this paper chiefly for the reason that the descriptions of these forms would increase materially the bulk of the manuscript without adding appreciably to the value of the study. Unless such larval forms can be definitely connected up with the adult forms, their descriptions are of little value to the systematist except as this or that form may be recognized as belonging to a certain general group, the larval forms of which might well be of the same general appearance.

As is generally true of any monographic paper, the writer was obliged in a number of instances to rely upon the descriptions of other investigators for a certain portion of the information contained in this paper. These data were not incorporated into the present paper without first weighing them as to their probable accuracy. The writer's knowledge of the head structures of nematodes, acquired over a period of years from the study of many hundreds of *en face* views, has enabled him to pick out readily numerous errors in the descriptions of these structures. In some cases where sectioning had to be done to secure the desired information and where there was plenty of material available, the writer has resorted to this method for study of detail. Whenever it was possible to do so, he has supplied his own observations in place of reported observations which he was positive were erroneous.

The writer realized from the very beginning that even though he intended to include specific descriptions of bird forms only in his paper it

¹ B.S.A. 1918, University of Idaho; M.S.A. 1921, University of California; Ph.D. conferred June 5, 1935.

was necessary for the sake of accuracy to study representatives of all the groups of Filarioidea and Dracunculoidea, even though other hosts were involved. This study added immensely to the task of preparing the present manuscript but he feels that the results warrant the extra effort.

In addition to redescribing many forms, the writer has created several new subfamilies, eight new genera, nine new species, and many new combinations.

The writer has realized for some time that a revision of the present system of classification of the groups Filarioidea and Dracunculoidea was necessary in order to simplify it and make it more practicable, but realized that only a taxonomic basis better than that used heretofore would result in anything more than just another classification. The proposed revision has necessitated some very drastic changes particularly in the synonymy because of the superficial, even flimsy, characters on which certain previously established groups were based. These changes which have involved also the erection of several new genera and subfamilies have been made only after a thorough study of many representatives of all groups of the Filarioidea and Dracunculoidea, which study was considered necessary in order that the writer might better be able to judge which characters were diagnostic and which were not.

The order Spirurata Railliet and Henry, 1915, has been divided into three superfamilies, Filarioidea (Weinland, 1858) Stiles, 1907, Spiruroidea Railliet and Henry, 1915, and Dracunculoidea Cameron, 1934; the latter two groups being differentiated on the characters of the phasmids in the larvae.

In the superfamily Filarioidea, the writer has included four families, namely, Desmilocercidae Cram, 1927, which has been transferred from the superfamily Spiruroidea for reasons explained elsewhere in this paper, Stephanofiliariidae Ihle and Ihle-Landenburg, 1933, Filariidae Claus, 1885, and Dipetalonematidae new family.

In the family Filariidae two new subfamilies have been erected, namely, Tetracheilonematinae to contain the genus *Tetracheilonema* Diesing, 1861, and Dicheilonematinae to replace the subfamily Setariinae Yorke and Maplestone, 1926. The subfamily Aprocinae Yorke and Maplestone, 1926, was a mixed group containing larval forms of both the filariid (members of the Filariidae) and the dipetalonematid (members of the Dipetalonematidae) types; therefore, the writer was obliged to split the subfamily into two groups. Those forms possessing larvae of the filariid type were retained in the subfamily Aprocinae under the family Filariidae, while those forms possessing larvae of the dipetalonematid type were placed in a new subfamily under the family Dipetalonematidae. The subfamily Filariinae has been restricted to include only the genera *Filaria* and *Parafilaria*.

The new subfamily Dicheilonematinae contains the five genera *Setaria*,

Serratospiculum, *Monopetalonema*, *Hamatospiculum*, and *Dicheilonema*. The genera *Hastospiculum* Skrjabin, 1923, and *Parhamatospiculum* Skrjabin and Petrow, 1928, have been made synonyms of the genus *Hamatospiculum* Skrjabin, 1916, for reasons discussed in the text. The genera *Politospiculum* Skrjabin, 1916, and *Ornithosetaria* Sandground, 1933, have been made synonyms of the genus *Monopetalonema* Diesing, 1861. *Politospiculum arthricola*, the only species of the genus *Politospiculum*, has been made a synonym of *Monopetalonema physalorum* (Bremser in Diesing, 1851) Diesing, 1861, and *Ornithosetaria angustispiculum* Sandground, 1933, becomes *Monopetalonema angustispiculum* (Sandground, 1933) new combination.

In the subfamily Diplotriaeninae the writer has included three genera, namely, *Diplotriaenoides* Walton, 1927, *Diplotriaena* Railliet and Henry in Henry and O'Zoux, 1909, and *Quadriplotriaena* new genus, the latter containing two new species.

In the subfamily Aproctinae there has been included five genera, namely, *Pseudaprocta* Shikhobalov, 1930, *Pelecitus* Railliet and Henry, 1910, *Squamofilaria* Schmerling, 1925, *Aprocta* Linstow, 1883, and *Anomofilaria* new genus. The genera *Lissonema* Linstow, 1903, and *Striatofilaria* Lubimov, 1927, have been made synonyms of *Aprocta* Linstow, 1883.

In the new family Dipetalonematidae are included two new subfamilies, namely, *Dirofilarinae* and *Dipetalonematinae*. The family *Dirofilaridae* Sandground, 1921, becomes a synonym of the family *Dipetalonematidae*, *Loainae* Yorke and Maplestone, 1926, a synonym of *Dirofilarinae*, and *Onchocercinae* Leiper, 1911, a synonym of *Dipetalonematinae*.

The new subfamily *Dipetalonematinae* is a very large group, consisting of twenty-seven genera, but the writer was unable conscientiously to split up the group into smaller units. Six of the genera, *Fuscicorpa*, *Pneumofilaria*, *Sarconema*, *Cardiofilaria*, *Scytofilaria*, and *Lipofilaria* are new to science. The genus *Hamulofilaria* Chandler, 1924, has been tentatively retained in the above subfamily until the writer is able to study the type material or until a more detailed description is available. There is a possibility that it does not belong to the superfamily Filarioidea. The new genus *Fuscicorpa* has been erected for *Onchocerca bambusicolae* Li, 1933, and the new genus *Scytofilaria* for *Lemdana micropenis* Travassos, 1925.

The superfamily *Dracunculoidea* includes two families, namely, *Dracunculidae* Leiper, 1912, and *Philometridae* Baylis and Daubney, 1926. These two families are separated primarily on the basis of the character of the esophagus.

The genus *Elaphocephalus* Molin, 1860, which includes only a single species, *E. octocornutus*, has been considered a questionable member of the superfamily *Filarioidea* until a more adequate description is available.

THE CHEMISTRY OF THE HORMONES OF THE POSTERIOR LOBE OF THE PITUITARY GLAND

By ROBERT RIDGELY SEALOCK¹

Oliver and Schäfer in 1894 at University College, London, made the startling discovery that physiologically active substances could be extracted from the pituitary gland. Their first investigation disclosed the presence of a substance which caused an increase in blood pressure when administered to experimental animals. The American physiologist, Howell, demonstrated that the pressor constituent was to be found only in the neural portion of the gland, or the posterior lobe. Since, it has been shown that the extract which contains the pressor substance also contains substances which stimulate other physiological responses. These are, briefly, principles affecting the cardiovascular, respiratory and renal systems, smooth muscle, certain glandular structures, metabolism, and the melanophores.

The physiological mechanism of these responses has been studied exhaustively since the time of their discovery, and much has been learned of the nature of their action. In contrast, the chemistry of the hormones remains obscure. No one of these active agents has been isolated in a pure crystalline form. Considerable success has been attained in an effort to concentrate them, but the most active preparations are still very complex mixtures. The purification procedures, which have consisted largely of precipitations, indicate the protein-like nature of the active fractions. That they are not necessarily large protein molecules is indicated by the ease with which they dialyse through semipermeable membranes. The inactivating influence of tryptic enzymes also indicates the protein nature of these substances and consequently the presence of amino acids and peptide linkages within the molecular structure. Many chemical reagents have been found to inactivate the principles, but in no case can any certain deduction be made as to the molecular structure responsible for the physiological response.

The object of our investigation has been the utilization of certain analytical methods and highly specific reagents, which we hoped would not only give us some information of the structural arrangement within these molecules but also furnish some clue as to a means of isolation. The actual program which has been carried out under Professor du Vigneaud's guidance may be divided into two phases. The first consists of analytical studies of a series of preparations of active pressor and oxytocic material

¹ B.S. 1930, Eureka College; M.S. 1932, University of Illinois; Ph.D. conferred February 22, 1936

of varying degrees of potency. These preparations were placed at our disposal by Dr. Kamm of the Parke, Davis and Company laboratories. Dr. Kamm has designated the active blood-pressure-raising material as pitressin. The oxytocic or uterine-contracting principle he terms pitocin.

The protein nature of these fractions led us to analyse them for sulfur and nitrogen and the amino acids, cystine, tyrosine, arginine, and histidine. These particular constituents were determined since there are available reasonably specific, quantitative methods for their estimation. The percentage of organic sulfur was determined by a copper oxidation method employing an alkaline cupric nitrate reagent. The micro Dumas combustion method was utilized in the determination of nitrogen. The amino acids were determined colorimetrically on material which had been hydrolysed with 20 percent hydrochloric acid. The specific Sullivan method and the Folin and Marenzi method were utilized for the estimation of cystine. Tyrosine was determined by the Folin and Looney method, arginine by Weber's modification of Sakaguchi's procedure, and histidine by Jorpe's quantitative adaptation of the Koessler and Hanke test. The results of the analytical studies are shown in the table on p. 65. The increase in sulfur, cystine, and tyrosine with increasing activity of the preparations indicates that these constituents may possess a significant relationship to physiological activity.

Although a portion of the organic sulfur was not accounted for as cystine, the majority of it was shown to be present in the disulfide form. This fact led to the second phase of our experimental program. We wished to see if the pressor and oxytocic hormones lose their activity as does insulin, the antidiabetic hormone, when it is reduced with the very mild reducing agent cysteine. In some of our previous studies with insulin, it was found that the disulfide linkage could be reduced to the sulfhydryl state by allowing the insulin to remain in contact with an excess of cysteine or glutathione. The inactive sulfhydryl insulin could not be reactivated by reoxidation. These particular reducing agents were selected since there was considerable evidence that their action might be quite specific for reducing the disulfide linkage. The action of cysteine on insulin was regarded as a mass action effect of the SH compound on the S-S of the insulin. As the result of this effect, the insulin was converted to the SH form and an equilibrium established.

It was felt that a study of the reduction of the highly active hormone preparations by means of such a mild and reasonably specific reducing agent for the disulfide linkage could furnish evidence as to whether or not the principles actually contain the disulfide linkage. If inactivation occurred it would quite definitely indicate the connection between the hormone and the disulfide linkage, as in insulin. On the other hand if inactivation did not occur three possibilities would exist: first, that reduction did not take place, even though sulfur were present; second, that no

sulfur existed in the molecule; and finally, the very interesting possibility that the reduced hormone itself was physiologically active. To demonstrate conclusively this latter possibility it would be necessary to show that the hormone itself had been reduced and not merely the disulfide present in the preparation.

The material which was used in this phase of the investigation was purified by the methods outlined by Kamm and his coworkers. In testing the effect of cysteine and other reagents on pitressin, the treated material was assayed against the original solution. Cats or dogs under anesthesia were used and the effect on the blood pressure was observed. The oxytocic principle was assayed by its depressor effect on the chicken, which effect has been demonstrated by Dr. Geiling of Baltimore to be a property of the oxytocic hormone.

Pitressin was treated with cysteine in aqueous solution. For each milligram of the pituitary preparation 40 mg of cysteine were used. Sufficient alkali was added to make the solution slightly alkaline to litmus. Other experiments were performed in which the reduction was carried out in a sodium borate boric acid buffer of pH 8.0. At all times the reaction mixture was maintained under oxygen-free conditions using purified nitrogen. Samples were removed at intervals for testing. In all our experiments it was found that the pressor principle could be treated with cysteine at a pH just alkaline to litmus or at pH 8.0 without affecting the activity.

Such experiments could not demonstrate that the active principle itself had been reduced. If disulfide of the hormone were reduced, then it was thought that coupling of the benzyl radical to the sulfhydryl sulfur might cause inactivation.

It was found that the sulfhydryl group of cysteine could be benzylated readily at pH 8.0. The reduced pitressin and cysteine mixture were treated with benzyl chloride. Samples were removed at intervals for testing. The activity was found to decrease as benzylation progressed. When the sulfhydryl test was negative, there was no detectable activity. Benzyl chloride alone was not the cause of the inactivation, for experiments were carried out under the same conditions, except that cysteine was omitted, and the resulting solution when assayed was found to be completely active. It was found also that the sulfhydryl sulfur of the reduced hormone could be methylated with methyl iodide to produce complete inactivation. Controls with methyl iodide in which cysteine was omitted demonstrated that the inactivation by this reagent likewise depended on the preliminary reduction of the disulfide of the hormone by the sulfhydryl compound.

Pitocin was treated with cysteine, using the same technique as was used with pitressin. Such treatment again did not affect the potency of the active principle. As in the case of pitressin it was necessary to demon-

strate that reduction within the molecule had taken place. For this purpose the cysteine-reduced pitocin was treated with benzyl chloride. This treatment was found to cause complete inactivation whereas the control with benzyl chloride in which cysteine was omitted showed no change in the physiological activity.

Since the hormones were active in the reduced form it was necessary to investigate the effect of complete reoxidation. To oxidize, either air or oxygen was bubbled through the reduction mixture until the nitroprusside test for sulfhydryl was negative. With both pitressin and pitocin, it was found that the potency remained the same after such reoxidation.

From these studies it has been concluded that the physiological activity of the pressor and oxytocic principles of the posterior pituitary gland is not appreciably altered when treated with cysteine in slightly alkaline solution. Reoxidation likewise did not affect the activity. Inactivation resulted with benzylation or methylation of the reduced pitocin and pitressin whereas no effect on the activity of the unreduced material resulted by such treatment. This demonstrated, furthermore, that both pitressin and pitocin were actually reduced by the cysteine.

The results obtained offer almost conclusive proof that these active principles contain sulfur in the disulfide form. In addition the evidence obtained indicates the necessity of the presence of a sulfhydryl or potential sulfhydryl group to the activity of both pitressin and pitocin.

Sample	Units per mg		Organic sulfur	Nitrogen	Cystine		Tyrosine	Histidine	Arginine
	P. ¹	O. ²			Folin and Macdonald	Sullivan			
			Percent	Percent	Percent	Percent	Percent	Percent	Percent
CE 818.....	8	8	³ 3.08	³ 14.99	³ 6.2	³ 7.8	³ 4.9	³ 1.5	³ 3.8
CE 912.....	10	10	³ 2.71	.....	³ 6.9	³ 7.7	³ 3.7	³ 1.3	³ 3.7
CE 866.....	14	25	³ 2.51	.....	³ 6.5	³ 7.7	³ 3.9	³ 1.3	³ 3.3
D 1.....	16	20	³ 2.47	.....	.....	³ 7.6	³ 4.8	³ 1.3	³ 3.5
812771.....	20	20	³ 2.41	.....	³ 6.3	³ 7.4	³ 4.6	³ 1.3	³ 3.1
CE 925.....	65	.....	³ 2.14	³ 15.61	³ 4.6	³ 4.4	³ 10.5	³ 2.6	³ 4.7
CE 776.....	200	6	³ 3.39	³ 15.55	³ 3.0	³ 3.0	³ 11.5	³ 1.5	³ 3.8
CE 1212.....	2	500	³ 3.29	³ 15.17	³ 8.6	³ 9.6	³ 15.8	.....	.....

¹ Pressor activity.

² Oxytocic activity.

³ Values calculated on moisture- and ash-free basis.

FOOD HABITS OF NORTH AMERICAN DIVING DUCKS

By CLARENCE COTTAM¹

The duck family (Anatidae), of which American species, including 17 extralimital forms, number 77, is cosmopolitan in distribution. The American diving ducks, also known as deep-water and sea or bay ducks, belong to two subfamilies, the Nyrocinæ with 21 native and 5 extralimital forms and the Erismaturinæ with 1 native and 1 southern representative. The former group includes some of the choicest game species, such as the canvas-back, redhead, ring-neck, and scaups. It also contains species of only slightly less value, including goldeneyes, buffle-head, old-squaw, harlequins, eiders, and scoters. The other family (Erismaturinæ) has but one common representative in the United States, the ruddy duck, and one form, the masked duck, restricted except as an accidental visitor, to lands south of our border. The eiders, other than the American which is a regular winter resident, are largely restricted to the cold and cheerless coasts of the Arctic seas. All the other diving species occur at least as winter visitors in the United States.

Because American waterfowl have tremendous economic, recreational, and aesthetic values, consistent effort should be exerted to restore their numbers which have diminished so precipitously as to create an alarmingly serious situation. Drought, encroachment of man on their nesting territory, drainage, reclamation, over-shooting, and perhaps an increase of crows on the nesting grounds of the more southern and more prized species, are the principal factors responsible for the abrupt diminution in their numbers.

A knowledge of the food and feeding habits of the various species considered is fundamental to the successful planning of any wildlife restoration plan. The only safe guide to the determination of the food requirements of a species is an accurate appraisal of what is actually eaten under varying circumstances, at different seasons of the year and in different localities. The fallibility of field observation unsupported by laboratory study in determining food preferences of various forms of wildlife has been demonstrated innumerable times. As an accurate guide to food-habits studies, approximately 7,000 duck stomachs, including gizzards and gullets accumulated in the Biological Survey for over 50 years, have been analyzed. These analyses, and the results derived by summarizing them, form the basis of the present paper.

In accordance with the standard followed for many years in the Biological Survey, the analysis is made and the amounts of each food present

¹ B.S. 1926, M.S. 1927, Brigham Young University; Ph.D. conferred June 10, 1936.

determined by the volumetric method; however, numerical counts of items occurring in the stomachs are made whenever possible. The value to be assigned to each food item is determined by considering each month as a unit and then computing the average for the several months on a percentage basis. This tends to prevent undue emphasis being placed on a given food by its presence in a large series of stomachs taken at a given locality during any particular month.

Unlike the surface-feeding ducks (Anatinae), which feed by immersing the head or "tipping", the divers habitually obtain their food by diving in water varying from 2 to 20 feet, although some species are known to descend to much greater depths. A vast difference is noted in the choice of food and in the feeding tendencies of the various species. Those forms of closest affinity usually show close similarity in food. While some element of selection was exercised by all species, the relative degree of availability within appropriate size limits of the various foods was obviously a major factor governing choice. Consequently a marked difference was noted in the food ingested in different sections of the country and in different habitats frequented. That there is some definite choice of diet is evidenced by the fact that different species of ducks feeding in the same body of water at the same time were often found to have ingested very different substances.

The redhead, ring-neck, canvas-back, and ruddy are the predominantly vegetarian species. Furthermore, they most often feed inland where there usually is a great variety and abundance of plant foods. The two scaups appear to be more omnivorous in their feeding. When inland, most of their nutriment is drawn from the vegetable kingdom, although when feeding along the coast where shellfish, crabs, and other littoral and pelagic life abound it is derived primarily from the animal kingdom. The lesser scaup is normally an inland diver, while its congener, the greater, is usually restricted to the coastal bays and lagoons. Perhaps because of the areas frequented, the lesser scaup procures somewhat more than half of its food from plant species, while slightly more than half of the food of its larger cousin is obtained from the molluscan, crustacean, insect, and other animal forms. All of the more typical sea ducks draw most of their sustenance from the animal kingdom.

The principal plant species secured by the divers are the submerged pondweeds. Since the seeds, tubers, running rootstalks, and green vegetative parts of the sago pondweed (*Potamogeton pectinatus*) are greedily consumed by both surface feeders and divers and because of its ability to grow in both fresh and brackish waters—in addition to its nearly continental distribution from coast to coast and from the cold waters of the Arctic tundra to the highland pools and lakes of Mexico—it is perhaps the best single duck food known. Other pondweeds of outstanding value to the more predominantly vegetable-feeders include: the clasping-leaved

pondweed or redhead grass (*P. perfoliatus*), wigeongrass (*Ruppia maritima*), naias (*Naias* spp.), and eelgrass (*Zostera marina*). Other potamogetons, horned-pondweed (*Zannichellia palustris*), halodule (*Halodule wrightii*) and other pondweeds are of somewhat less value. Additional groups of food plants of outstanding worth to the inland divers include: wildcelery (*Vallisneria spiralis*), wildrice (*Zizania aquatica*), muskgrasses (*Characeae*), watershield (*Brasenia schreberi*), bulrushes (*Scirpus* spp.), smartweeds (*Polygonum* spp.), banana waterlily (*Castalia flava*), and delta duck-potato (*Sagittaria platyphylla*). Some of these, being local in distribution, are of value only in restricted areas. Each species of plant has its own particular set of ecological conditions in which it thrives best, knowledge and application of which are necessary as a basis for making plantings or improving a waterfowl area. Factors which produce a good plant growth also favor the production of certain insect, crustacean, and molluscan species.

The principal animal groups consumed by the inland divers and by the sea ducks during the nesting season include: caddice-fly larvae (*Trichoptera*), midge larvae (*Chironomidae*), dragon- and damselfly larvae (*Odonata*), beetles and their larvae (principally *Dytiscidae*), water-boatmen (*Corixidae*), mayflies (*Ephemera* spp.); crustaceans, particularly amphipods, crawfish, cladocera, and shrimp; fresh-water shells (*Unionidae*, *Lymnaea* spp., *Goniobasis* spp., *Amnicolidae*, and *Sphaerium* spp.) and small, sluggish, noncommercial fish. Coastal birds subsist principally upon various mollusks, crustaceans, echinoderms, and such pondweeds as eelgrass (*Zostera marina*), wigeongrass (*Ruppia maritima*), and various algae. The blue mussel (*Mytilus edulis*) is the most important single food for many species of coastal birds. Mollusks of many species of both bivalves (*Pelecypoda*) and univalves (*Gastropoda*) are often consumed. Amphipods, isopods, and crabs are also often taken in surprisingly large numbers by coastal birds. Due to different feeding habits and to the tendency to concentrate in good feeding areas where excessive shooting has long been practiced, inland waterfowl are more frequently the victims of lead poisoning.

A limited series of juveniles of the more northern divers was available for laboratory analysis. The adults of these birds are all predominantly animal-feeders. The young often appear to be quite indiscriminate in their feeding. It was somewhat surprising that many of them were feeding to a much larger extent on plant species than were their elders.

The food of the individual species, exclusive of extralimital and extinct birds, is summarized in the tables which follow.

TABLE I.—Summary of food percentages of nyroca and ruddy ducks

Species	Number of stomachs	Plant Foods											Animal Foods								
		Total percentage of plants	Muskgrasses and other algae	Pondweeds	Wildcelery	Wildrice and other grasses	Sedges	Arrowleaf	Smartweeds	Coontail	Milfoil family	Burreed	Waterlilies	Misc. plants	Total percentage of animals	Crustaceans	Insects	Fish	Gastropods	Pelecypods	Misc. animals
<i>Nyroca americana</i>	405	89.66	23.17	32.27	2.70	6.25	7.72	.07	.96	1.20	.48	.20	1.31	13.24	10.34	.44	5.89	.07	2.92	.87	.08
<i>Nyroca collaris</i>	763	81.47	4.83	13.45	.28	8.13	8.26	3.75	6.44	3.58	.96	1.34	14.56	15.86	18.53	.13	10.75	.11	4.72	1.25	1.57
<i>Nyroca valisineria</i>	469	80.50	1.50	20.88	8.81	7.51	6.30	7.77	.46	.28	2.06	2.50	4.06	9.46	19.41	.07	8.13	2.03	3.92	4.88	.38
<i>Nyroca marila</i>	835	46.52	5.41	18.96	1.52	2.93	3.28	.43	.61	.52	4.04	.37	.11	7.51	53.48	6.84	7.15	.16	15.26	23.86	.21
<i>Nyroca affinis</i>	1,261	59.55	2.57	18.36	5.20	9.62	6.33	1.01	1.28	1.50	1.41	.82	2.08	9.37	40.45	1.34	12.05	.94	18.30	6.54	1.19
<i>Eutamias ianmicensis</i>	191	72.41	3.94	29.11	2.42	1.59	18.38	.36	1.53	1.35	1.17	.30	.81	11.15	27.59	2.54	21.87	trace	1.43	1.32	.43

TABLE II.—Summary of food percentages of the more typical sea ducks

Species	Plant Foods					Animal Foods																		
	Number of stomachs	Total percentage of plants	Muskgrass and algae	Pondweeds	Wildcelery	Misc. plants	Total percentage of animals	Fish	Amphipods and Isopods	Crabs and other decapods	Barnacles	Misc. crustaceans	Blue mussel	Paphia, etc.	Siliqua	Oysters and scallops	Misc. polycypoda	Littorina	Misc. gastropods	Caddis-flies	Misc. insects	Echinoderms	Misc. animals	
<i>Glauionetta c. americana</i>	441	26.09	.80	8.62	3.42	11.25	73.01	3.16	5.00	22.57	.48	4.37	2.53	.19	1.37	.52	4.99	12.32	15.66	.02	.63	.373
<i>Glauionetta islandica</i>	38	22.14	.38	8.19	1.57	12.20	77.64	1.14	11.02	2.49	.25	3.95	12.2593	2.39	3.11	6.32	30.0809	2.05
<i>Chantrelle alba</i>	302	50.08	.44	7.47	.81	12.20	79.02	3.75	6.56	5.81	.16	4.27	.53	4.56	1.16	9.34	7.63	33.0009	2.05
<i>Chantrelle hyemalis</i>	265	12.07	.56	1.51	10.00	87.93	0.71	19.21	16.10	.85	11.87	2.8306	.49	4.56	5.76	6.63	4.14	3.32	3.20
<i>Histrionetta histrionica</i>	70	1.68	.10	10.00	.....	1.58	94.12	2.24	18.00	27.57	6.47	5.11	1.51	8.72	.....	.....	1.43	2.13	10.94	.81	9.59	2.33	1.58
<i>Polysticta stelleri</i>	81	12.86	.76	3.39	.....	8.71	87.14	2.24	40.35	.68	1.62	2.61	1.21	.....	4.41	.....	.956	2.22	3.87	2.50	10.51	2.76	4.61
<i>Somateria m. borealis</i>	11	3.69	.23	.....	.....	4.07	94.17	8.93	11.72	.81	.08	1.69	39.05	.....	.....	.....	.....	11.70	.....	.....	.....	.....	.....
<i>Somateria m. dresseri</i>	117	3.69	.23	.....	.....	2.65	64.31	8.93	11.72	.81	.04	1.38	64.73	.....	.....	.....	.....	.75	5.68	2.18	.....	.....	.....
<i>Somateria v-nigra</i>	74	4.74	.13	.....	.....	1.08	65.26	1.51	8.20	10.02	2.00	1.25	8.84	.....	.....	.....	.....	.01	14.52	.....	.....	.....	.....
<i>Somateria spectabilis</i>	97	5.71	.23	2.43	.....	1.08	64.49	.63	2.87	13.25	2.00	.46	17.16	.55	1.76	.59	15.41	1.88	8.40	1.89	1.31	17.20	7.10
<i>Arctonetta fashleri</i>	25	2.51	.13	6.98	.....	15.89	77.10	.00	1.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Melanitta degallieri</i>	907	5.48	.29	1.08	.....	3.11	89.64	1.23	3.84	5.78	2.99	.85	11.01	14.27	4.97	17.02	14.31	.....	.....	.....	.....	.....	.....
<i>Melanitta perspicillata</i>	224	12.10	.33	3.24	.31	8.15	87.90	3.17	1.26	5.46	2.54	.00	28.74	1.11	1.13	.83	19.35	2.18	7.25	3.23	6.38	1.83	2.04	
<i>Oedemia americana</i>	168	10.14	2.61	4.70	.....	3.01	80.66	1.69	1.39	2.37	8.57	5.00	26.71	5.37	6.89	6.24	12.02	1.21	5.85	2.23	.96	1.52	.74

¹ Represents summer months only.

THE HISTORY OF THE CONFLICT AND SETTLEMENT OF BOUNDARIES BETWEEN BRAZIL AND THE BRITISH, DUTCH, AND FRENCH GUIANAS

By RAUL D'EÇA¹

The history of the conflict and settlement of boundaries between Brazil¹ on one hand, and the British, Dutch, and French Guianas, on the other, is an important chapter in the history of the conflict for control over the great Amazon valley. Very little has been written on this phase of the history of the Americas, despite the great quantities of materials of historical value bearing on the subject gathered at the time when these boundary disputes were settled, two of them (Brazil and French Guiana, and Brazil and British Guiana) by arbitration, and the other (Brazil and Dutch Guiana) by direct negotiation.

In the present dissertation the writer has attempted to study these boundary conflicts and their settlement from the historical point of view, using in the main the materials to which reference has been made above. No attempt has been made to follow in all their implications the maze of underlying causes which influenced in greater or smaller degree the attitudes of the various governments in their decisions concerning these questions.

Guiana is that portion of South America which lies between the Atlantic Ocean and the Amazon, Negro, and Orinoco rivers, or approximately between 8° 40' north latitude and 3° 30' south latitude, and between 50° and 68° 30' west longitude. This vast territory is today divided between Venezuela, Great Britain, The Netherlands, France, and Brazil.

According to all evidence available, the land of Guiana was first sighted on January 20, 1500, by an expedition under the command of the Spaniard Vicente Yáñez Pinzón. The right to explore the region from Cabo de Santa María de la Consolación to the river of Santa Maria de la Mar Dulce, with all the islands in this river, was granted to Pinzón by the Spanish sovereigns the following year, but he does not seem to have made any effort to take possession of his grant, probably due to the fact that part of it was undoubtedly within Portuguese jurisdiction as recognized in the Treaty of Tordesillas signed between Portugal and Spain in 1494.

A few years later, in 1530, Diego de Ordás requested and obtained a grant from the Spanish crown including the land from the mouth of the Marañón to Cabo de la Vela. The following year Ordás led an expedition

¹ B.H. 1925, Springfield College; A.M. 1933, The George Washington University; Ph.D. conferred June 10, 1936.

to Guiana, ascended the Orinoco some 200 leagues, but failed to find the riches for which he was looking. Other Spanish expeditions followed, particularly after the legend of El Dorado became widely known; but all failed to produce the results expected.

The same legend of riches attracted to Guiana other European adventurers, and among them Sir Walter Raleigh, who visited the region and made friends with the natives in 1595 and again in 1617. Raleigh sent other expeditions to the coasts of Guiana, but the first English attempt to establish permanent settlements there was made under the leadership of Captain Charles Leigh in 1604. He failed in his undertaking, as did other Englishmen who attempted to colonize the coasts of Guiana in the years following. It was not until 1650 that a permanent English settlement was established in Surinam. This settlement was later captured by the Dutch to whom it was ceded under provision of the Treaty of Breda, signed in 1667 between England and The Netherlands.

The earliest recorded voyage of Dutch traders to Guiana took place in 1597. By 1603 they were attempting to establish colonies in that region and in 1621, with the organization of the Dutch West India Company which was granted the privilege of promoting the settlement of unoccupied parts of America, Dutch colonization in Guiana seriously began. In about 1626 the Dutch established a trading post on the lower course of the Essequibo river which was to become of great importance in later years. This and other trading posts and plantations along the coast of Guiana and on some of its rivers were formally recognized, along with other Dutch conquests in America, by Spain in the Treaty of Münster signed in 1648.

French adventurers also flocked to Guiana in the early years of the seventeenth century. Their colonizing efforts seem to have centered around the island of Cayenne, although in 1651 a French colonizing company was organized with a royal patent granting it all the territory from the Amazon to the Orinoco. However, the early efforts of the French to establish permanent settlements in Guiana failed due to many causes, among which are the enmity of the natives and the repeated attacks from Dutch, Spaniards, and English. By 1659, when the Treaty of the Pyrenees was signed between Spain and France, the latter had no settlement of any importance in Guiana.

Meanwhile, beginning in 1616 with the building of a settlement and fort on the right bank of the Pará river, near its mouth, known as Belem do Grão Pará, the Portuguese undertook the conquest of the Amazon basin. For a number of years, in fact until as late as 1646, English, French, and Dutch adventurers attempted to gain a foothold at various points near the mouth of the Amazon and along the lower course of that river. But by ruthless and constant warfare the Portuguese were able to destroy these settlements and kill, capture, or expel the settlers. The actual exploration of the upper course of the Amazon, however, did not start

until after 1637, when Pedro Teixeira began his famous voyage up that river to Quito and back to Belem do Pará.

From 1580 to 1640, as a part of the Portuguese empire, Brazil was under the Spanish crown. In 1621, by royal ordinance, Philip IV separated the captaincies of Maranhão and Pará from the general government of Brazil, forming them into an independent administrative unit under the name of Estado do Maranhão. Within this administrative unit a captaincy was organized in 1637 including the territory from the Amazon to the Oyapok or Vicente Pinsão, as this latter river was known to the Portuguese, although by the Treaty of Tordesillas the Portuguese domain in America extended no further west than a meridian passing close to the mouth of the Amazon. When in 1668 Spain recognized the independence of Portugal after twenty years of war, the Portuguese limits both in Europe and elsewhere were declared in the treaty of peace to be the same as before the war, which meant that in South America Portugal now had a much vaster territory than in 1640.

It can, therefore, be said that Spain, which claimed the territory of Guiana by priority of discovery, had relinquished this claim in favor of other European nations by the end of the seventeenth century. In 1667 and thereafter for a number of years, the Dutch controlled most of the coast in that region, and after 1668 the Portuguese gradually became the uncontested masters of most of the Amazon valley.

Starting from their trading post on the lower Essequibo, the Dutch explored the upper course of that river, establishing other trading posts and plantations at strategic points. During the eighteenth century the up-river trade proved quite profitable and a post was established in 1734 near the mouth of the Siparuni. This post was later, (about 1766) moved to near the mouth of the Rupununi, but around 1791 it was abandoned because the trade had lost its importance.

From early years, in fact as early as Pedro Teixeira's voyage up the Amazon, Dutch goods had found their way inland as far south as the Indian tribes inhabiting the banks of the great river. Whether this trade was carried on directly between the Dutch and those tribes is doubtful; it is more probable that other Indian tribes living on the upper course of the Branco and its affluents, particularly the Maganouts or Manaos, served as intermediaries between the Dutch and other Indian tribes. It is certain, however, that Dutch explorers penetrated in the early years of the eighteenth century as far as the Branco through the Rupununi and the Takutú rivers. One of these explorers, Nicholas Horstmann, even descended the Branco as far as the Portuguese settlements and eventually arrived at Belem do Pará where he entered the service of Portugal, never returning again to the Essequibo. Other Dutch expeditions searched for certain crystal mines supposed to exist somewhere near the Rupununi river. But at no time did the Dutch ever claim in this region more than

the territory actually occupied by their settlements and trading posts along the rivers which they navigated in their commerce with the natives. This means that, at the most, they claimed part of the lower course of the Rupununi river from where it approaches Lake Amaku to its mouth on the Essequibo where they had their Arinda post.

On the other hand, the Portuguese had extended their domain to the Rio Negro, the Branco, and their tributaries. By the treaty of limits signed in 1750 between Spain and Portugal, the latter was recognized as sovereign over all the territory north of the Amazon as far as the mountain ranges which form the watershed between the Orinoco and the Amazon. Under the provisions of this treaty, the Portuguese in 1775 attacked and destroyed a few settlements which the Spaniards had built along the Branco and as far as the Takutú river. The Portuguese also built at that time a fort near the confluence of the Takutú and Branco to protect their territory against invasions from the Spaniards and the Dutch. The Portuguese consistently claimed then and in the years following that their territory extended as far as the highest ground between the Rupununi on the east and the Takutu and Mahu on the west.

In another region of Guiana, between the Amazon and the Oyapok, a boundary dispute arose between France and Portugal during the latter part of the seventeenth century which was not to be settled until two centuries later, as explained below.

After the establishment of the Captaincy of Cabo do Norte in 1637 as part of the Estado do Maranhão, the Portuguese made some efforts to introduce civilization by establishing a few missions and trading posts. They also built forts at strategic points along the left bank of the Amazon and one on the Batabouto river, a tributary on the left bank of the Araguary river.

Meanwhile France had again occupied Cayenne in 1672. The advantage of extending the territory of the colony as far as the Amazon was clearly perceived by the French authorities, particularly after the publication of a translation of Father Acuña's *Nuevo descubrimiento* which appeared at Paris in 1682. French traders and slave hunters appeared on the left bank of the Amazon and when some of them were arrested by the Portuguese authorities, Louis XIV protested and demanded reparation from the crown of Portugal. At the same time, in 1697, French soldiers from Cayenne attacked and destroyed some of the Portuguese forts on the left bank of the Amazon.

During the diplomatic dispute which ensued, many *mémoires* were exchanged to prove the rights of both parties to the region between the Amazon and the Oyapok, this latter river being known to the Portuguese as Vicente Pinsão, as already indicated above. Eventually, in 1700, a provisional treaty was signed at Lisbon neutralizing a portion of the coast of Guiana from the Amazon to the Vicente Pinsão or Oyapok. In 1701

this agreement was made definitive and perpetual. But this was not the end of the dispute. In 1703 Portugal adhered to the Grand Alliance against Louis XIV, being promised by her allies that peace would not be made with France until Louis XIV had ceded to Portugal all rights he claimed to the lands of Cabo do Norte, lying between the Amazon and the Vicente Pinsão. At Utrecht (1713) in the treaty signed between Portugal and France with the guarantee of England, the treaty of 1700 was declared void, and France recognized Portuguese sovereignty over the territory between the Oyapok or Vicente Pinsão and the Amazon. The two banks of the Amazon and its navigation were specifically recognized as reserved exclusively to the Portuguese.

Despite this treaty, the French authorities of Cayenne continued to claim part of the territory between the Oyapok and the Amazon, saying that the Vicente Pinsão of the treaty was a river which entered the sea somewhere near Cabo do Norte in a bay called Vicente Pinsão.

During the Directory and the period of Napoleonic ascendancy in France, Portugal was compelled to sign treaties which established the boundary along the Calsoenne river, in 1797; along the Araguay, in 1801 at Badajoz; and along the Carapanatuba, in the same year, at Madrid. In 1808 Portugal declared war against France, and Cayenne was attacked and subdued by the Portuguese who remained in control of the territory for some eight years. At Vienna, Portugal engaged to return to France the territory of Cayenne as far as the Oyapok, the boundary between the French colony and Brazil to be defined amicably by the two governments in accordance with the exact meaning of the Treaty of Utrecht. This agreement was embodied in a convention signed in 1817 between France and Portugal providing for the return of Cayenne to France within three months and the sending of commissioners to define the boundary between Brazil and Cayenne. But this latter provision was never carried out and the dispute remained unsettled for almost another century.

After the independence of Brazil from Portugal in 1822, the dispute was reopened. The French authorities of Cayenne took military possession of the territory as far as the Araguay; Brazil protested, and under British pressure France yielded and evacuated the disputed territory in 1840, the two governments agreeing the following year by an exchange of notes to neutralize Amapá (Mapá) until a definitive settlement of the dispute should be reached.

From 1842 to 1856 diplomatic negotiations were carried on at Paris to reach an agreement on the matter. But this was not possible. France claimed that the Araguay was the Vicente Pinsão provided in the Treaty of Utrecht; Brazil, although maintaining that the Oyapok was the river mentioned at Utrecht, showed willingness to compromise, offering successively to accept a boundary along the highest ground between the Oyapok and the Cassiporé, then along the Cassiporé itself, then along the

Counani, and finally along the Calsoenne. All these proposals were refused by France.

In 1894, after gold had been found in the disputed territory, the controversy was taken up again by the two parties. The question was now complicated by an attack in 1895 upon a Brazilian settlement at Amapá by a French gunboat. Brazil protested and France offered to arbitrate the question in order to avoid similar incidents in the future. The offer was accepted by Brazil, and on April 10, 1897, a treaty of arbitration was signed at Rio de Janeiro, submitting the question to the arbitration of the Swiss Federal Council. After the presentation of cases and counter-cases by the two contesting parties, the arbiter rendered his award on December 1, 1900, in favor of the Brazilian claim to the Oyapok as the boundary between Brazil and Cayenne provided in the Treaty of Utrecht.

One year later Brazil and Great Britain decided also to submit to arbitration their dispute over the boundary between Brazil and British Guiana. This dispute did not arise really until the years 1835 to 1840, when Robert Schomburgk explored the interior of British Guiana and suggested what he called "the natural boundary" between the British colony on one hand, and Venezuela and Brazil on the other. In the part between Brazil and British Guiana, this line followed along the Mahú and Takutú rivers and then along the Acaray and Tumuc-Humac mountains as far as Dutch Guiana. The dispute was aggravated by the proselyting endeavors of the Reverend Youd, a British missionary who appeared among the Indians of Pirara in the region between the Rupununi and the Takutú and Mahú rivers. In 1841, under the pretext that the Brazilians were fortifying themselves in Pirara, the place was occupied by a British detachment. The following year Brazil offered to neutralize the territory until definitive settlement might take place, and the offer was accepted by Great Britain.

During the negotiations that occurred between the two governments after that, the dispute over the boundary was complicated by other questions pending between them such as the slavery question and the negotiation of a new treaty of commerce. It was not until 1901 that the two governments agreed to submit the dispute to the arbitration of King Vittorio Emanuele III of Italy.

After the proper presentation of cases, counter-cases, and arguments by both parties, the arbiter on June 14, 1904, read to the representatives of the two nations his award dividing the disputed territory between Brazil and Great Britain and defining the boundary by the Mahú and Takutú rivers, with the right of navigation of those rivers granted to both parties. Later, in 1926, a new agreement was entered into by the two governments defining the boundary in a small section not covered in the arbiter's award.

The settlement by Brazil of the remaining boundary in the Guiana

region with Dutch Guiana was effected through direct negotiations between the two interested governments. On May 5, 1926, a treaty of limits was signed at Rio de Janeiro defining the boundary along the traditional line of the *divortium aquarum* between the Amazon basin and the basins of the rivers flowing northwards.

In conclusion, it may be said that in the settlement of the three boundary disputes studied in the present dissertation the governments involved showed a very conciliatory spirit, although at times there was bitterness in the negotiations and even a show of force which might have led to open warfare. It is also interesting to note that what France was unable to obtain (that is, access to the Amazon) by diplomatic pressure, threats, slow infiltration, and even arbitration, Great Britain secured later on by what seems to have been, in the light of historical facts, a deficient arbitral award. In fact, by granting to Great Britain the navigation of the Takutú and Mahú rivers, the arbiter, although having declared insufficiently proven the claim of either party, ended by giving to Great Britain exactly what she wanted in the beginning. Great Britain is, therefore, today the only non-American power with access to the interior waterways of the Amazon basin.

WORLD STOCKS, PRICES, AND CONTROLS OF RAW COMMODITIES

By ROBERT FITZ-RANDOLPH MARTIN¹

INTRODUCTION

It is only in the post-World-War period that statistical data relating to world supplies of the principal raw commodities of international importance have become available with sufficient frequency and adequacy to warrant statistical use in an intensive inductive study with reference to prices. At the same time price reporting in the different world markets has been developed to yield fairly accurate comparative data. It is now possible therefore to analyse monthly variations for a period of approximately fifteen years, a period sufficiently long to provide ample statistical series.

In addition to the statistical data, information concerning production, consumption, market developments, and attempted controls of prices throughout the world have been more adequately reported, thus affording the basic materials required in inductive analysis. Sufficient statistical and other factual data to warrant detailed study are available with reference to cotton, coffee, copper, rubber, silk, sugar, tea, tin, and wheat.

Stocks data provide a sensitive index of the extent to which production and consumption are in balance. If production gains on consumption, stocks increase, and vice versa. A general measure of the changing relations of supply and demand is thus provided. For most of the commodities dealt with herein there is a normal seasonal variation which is taken into account on the market, and adjustment for this factor has been made. Prices are of course in part influenced by the general price level. It is possible to take some account of this factor by means of the general wholesale price index in each country. Such adjustment has been made in the price series used in this study. By making these adjustments it has been possible to observe more closely the effects on prices of existing world visible supplies and price-control measures.

The purpose of the study has been to obtain and reduce to manageable proportions the data bearing upon the relations of world visible supplies, price-control measures, and prices and to subject them to analysis and such interpretation as appears to be warranted. It is an inductive study in which the presentation and analysis of newly developed data are as important for students in this field as any immediate interpretations and conclusions drawn.

¹ B.S. 1923, Massachusetts Agricultural College; Ph.D. conferred June 10, 1936.

The plan of the study is to consider the data relating to each commodity in detail and then draw a few of the more important conclusions and inferences of general application that are indicated by the facts reviewed.

CONCLUSIONS CONCERNING PRICES AND STOCKS

It is readily apparent from the data that have been studied that in the case of the principal raw commodities of importance in international relations, the world supply has been the dominant price influence. The visible stocks in an individual country have been of minor importance in determining the general price levels of these commodities within the country. International market arbitrage has functioned except where strict nationalistic control measures have been in force.

For all of the commodities covered there has appeared the general freemarket phenomenon of an inverse relationship between supplies and prices; as stocks have increased, prices have declined, and vice versa. When allowance is made for the movements of prices as a whole, it has been found that there is a tendency for this fluctuation to follow a mathematical relationship.

While there have been some differences with respect to individual commodities, and the periods in which free competitive forces were in operation have been limited or absent in some cases, a tendency is clearly indicated for prices to follow a proportional as well as inverse relation to world stocks in the uncontrolled periods. In the case of cotton, the least controlled of all the commodities until recently, this relationship is very close. That it persists generally to a considerable degree in spite of intervention restrictions is demonstrated in the accompanying chart, in which the combined indexes for the nine commodities and their prices, adjusted for wholesale price level changes, are shown (See p. 82).

A distinct upward bias since 1922 in the actual relation of prices to stocks in comparison with the proportional relationship taken for reference is shown in the lower part of the chart. If there were a perfect proportional correspondence the line of price deviations would follow the base line of 100. Instead it shows a general upward trend. This might be accounted for by four factors: (1) the normal free-market relationship may not be proportional as indicated; (2) it may be considered by producers and consumers that as consumption increases a certain larger quantity of stocks should be maintained as a normal development not depressing prices; (3) over a long-run period increasing costs of production might raise the basic marginal cost and price per unit; and (4) control operations have increasingly enhanced prices above their normal free-market relationship.

With regard to the first possibility there is undoubtedly some variation among the individual commodities. But for those that were free from control intervention for sufficiently long periods to obtain an observation

of free-market relationships the conformance was rather close. The commodities showing the least adherence to such a tendency were those subject to closest and most continuous control, like coffee, or those which were of a special nature and not a unity, such as tea.

It is probable that as consumption increases over a period of time it is normal to maintain larger stocks on hand. Thus the second possibility is a factor which must be taken into consideration. World consumption of the foodstuffs, wheat, sugar, coffee, and tea increases comparatively slowly and for the period under review has not been a very important factor in this connection. The same has been true of cotton in recent years. Consumption of the raw materials, rubber, copper, and tin, has however shown a rapid increase in this period and it is likely that some degree of upward bias in the price deviations in these cases is a normal condition.

With regard to the third possibility, except under extreme control conditions, there is but little likelihood that unit costs, after adjustment for monetary changes, have increased in the period. Except under restriction programs, costs have on the contrary tended to decline in this period. Shifting of cotton and some wheat production to newer and more fertile lands, the bringing in of new rubber and coffee-producing areas and more productive varieties of sugar, discovery of rich African copper mines, and the introduction of machine dredging methods in tin production have all tended to lower actual unit costs of production during this period. This factor would probably on balance tend to reduce rather than enhance the bias from the reference relationship.

Control interventions, except insofar as they have actually eliminated visible supplies, have apparently been the major forces raising prices from the more normal relationships represented by an inverse and reasonably proportional fluctuation. The departure in general from this situation in the period subsequent to 1928 when the most drastic controls were most widely applied is clearly indicated.

CONCLUSIONS CONCERNING PRICES AND CONTROLS

Prices of all of the commodities included in this study have at some time, or all the time, during the past fifteen years been subjected to international private monopoly or semimonopoly controls, or to national and international intervention of governments. The story of these controls in this period is one of spectacular ups and downs, of a series of temporary successes followed by failure, reorganization, a new attempt, new unforeseen difficulties, new failure. Finally what started out as a temporary market operation to support prices has evolved into a series of permanent plans for government supervision.

The life history of most of these controls has shown marked similarities. The major single controls of coffee, copper, cotton, rubber, silk, sugar, and wheat started out to "stabilize" prices by simple market intervention

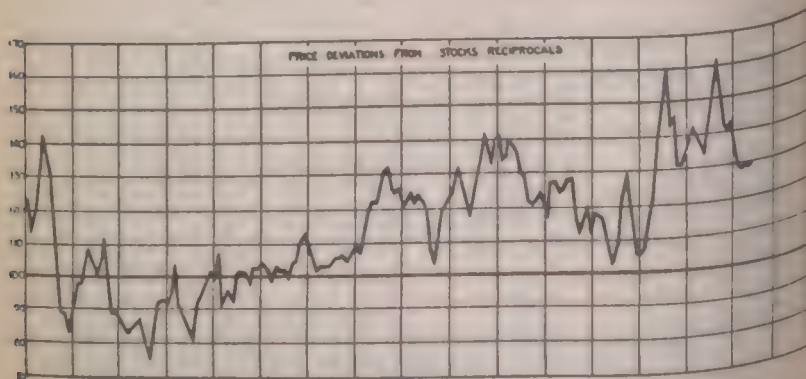
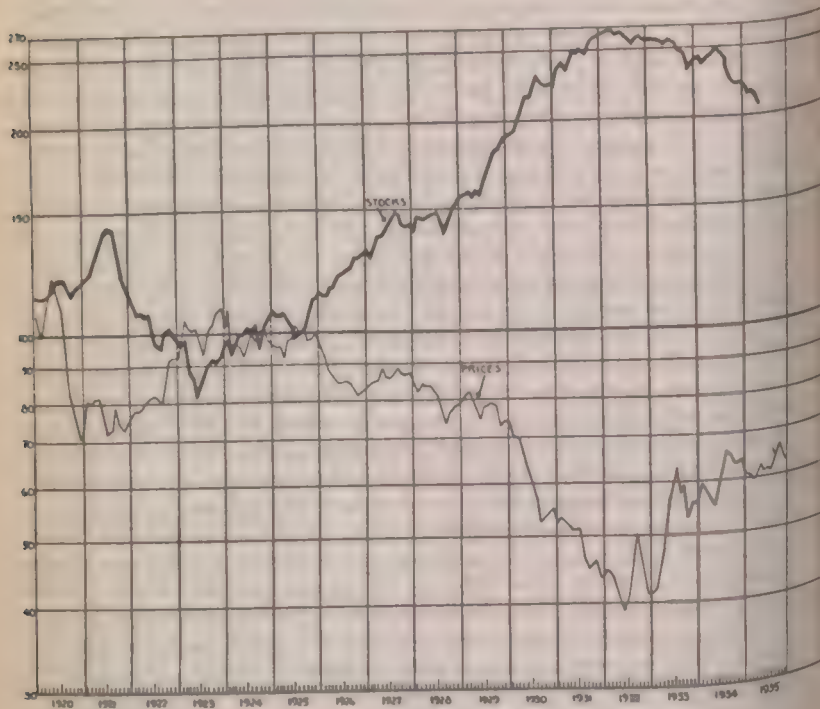
through withholding of supplies when prices were "low", to be released when prices rose. They were all successful for a time as far as temporary price reactions were concerned. Their action, however, gave some assurance of the future of prices through stabilization and naturally attracted increased production. This brought added supplies and more pressure on prices, requiring more drastic control action. In the cases in which government aid was not enlisted at the outset, by means of loans on the stored commodity or otherwise, it was soon required. Government intervention was introduced directly into the marketing program either to protect its loans or in response to the demands of politically powerful producers suffering from real or imaginary emergency difficulties.

As increased production fostered by the prospect of governmentally sustained prices brought added supplies and declining prices, government agencies discovered that producers would not willingly permit them to "stabilize" prices downward. Political expediency demanded price maintenance, and eventually, price raising. Politically it was discovered that price stabilization could be conducted by upward adjustment only. This was especially true in those cases in which the nationality of the principal consumers was different from that of the producers, and the latter could claim that the burden of higher prices would fall on the foreigner and not bring political repercussions from domestic consumers.

Increasing supplies and political inability to liquidate them led inevitably to the next step, the curtailment of production. Efforts to obtain voluntary restriction were followed by governmentally decreed compulsory conformance. Even the "voluntary" schemes involving a government bounty for restriction were soon made compulsory in practice. Supplies on hand were restricted in every manner possible. The ultimate along this line of development was reached when some governments began to give away and burn them.

Curtailment by one country, in those cases in which alternative producing areas under different national control were available, led to stimulation of the development of new productive capacity in other areas, bringing new supplies on the market. This made continually greater curtailment necessary in the original country in order to maintain prices. Attempts at the formulation of international agreements have usually not been successful until the new producing countries were convinced that the original country would no longer continue its price-maintenance efforts unless they also agreed to restriction of output. Even then the newer producers, helped over the infant-industry period of growth by artificially maintained prices, have had lower costs on new fertile land, or from new, rich ore deposits, or with more modern equipment and methods, and have not been satisfied with quotas based upon past production. They have made such agreements difficult and uncertain.

Controls finally reached the stage when they were no longer temporary

COMBINED COMMODITIES
WORLD STOCKS AND PRICES

emergency operations but regular functions of government under more or less permanent plans. Some of them had reached down to the point of allotting production quotas to each one of millions of producers. In others every step from the start of production to final shipment out of the country was under close government control.

It is apparent that all during the period of control development, free-market forces have been at work. None of the controls have been able to maintain a monopoly position. As their operations have set counteracting free-market forces into operation they have been overwhelmed and forced into liquidation and reorganization at heavy cost to consumers and governments, and finally to the original producers starting the control as well. The latter have usually come out with a smaller share of the market than they had at the beginning. This process has been repeated as each new type of control has been tried. Those now in operation have been changing in form and method so rapidly that no appraisal of prospects can be made, but it is apparent that much if not most of their maneuvering is now defensive against the accumulating forces that their own actions have brought into operation.

IMPLICATIONS CONCERNING PRICE THEORY

Price theory since the classical writers and until very recently has been predicated upon conditions of either complete monopoly or perfect competition. There has been a growing realization, however, that in modern times prices are for the most part actually determined in practice under conditions of only partial competition and partial monopoly.

Attempts are being made more and more frequently to explore the theoretical implications of these new price conditions. This inductive study offers no new theory but indicates the general lines along which the rationalization of price theory must be projected if it is to account for price determination in the economic area here covered.

In the rising tide of impediments to the functioning of free-market factors perhaps the most important of the last strongholds of laissez-faire conditions has been the international market for the basic raw materials and foodstuffs of international trade. The latter are still for the most part produced by large numbers of small competing entrepreneurs on the one hand and consumed by a myriad of independent consumers on the other, with large numbers of independent buyers and sellers where there have been intermediaries on the market. The products are each of a fairly uniform nature so that one unit of a given product competes rather directly with another unit. The raw-material nature of the commodities has exempted most of them from tariff and other similar widespread trade restrictions. Central markets are pretty well organized and arbitrage is effective between them.

Especially in the post-World-War period there developed in this area, however, widespread attempts at monopoly control by producers and their governments, particularly in connection with the commodities under review here. Such attempts at control of prices have been made at some time during the period respecting all of the commodities included in this study.

Thus far, as indicated in this study, all attempts to establish a "fair price" artificially above free-market price have, after a temporarily effective period, collapsed and gone through what has been essentially bankruptcy reorganization. Such attempts, however, have continued, working in each case away from direct market and immediate market supply intervention back toward monopoly and semimonopoly control of productive capacity.

Insofar as such controls continue and become effective, for each commodity free-market forces will determine day-to-day prices subject to an underlying price level established by officially directed monopoly control of the forces of production. In terms of price theory this would leave short-run price determination to free-market competition, but for long-run price determination there would be substituted for competition of producers at the marginal-cost level a semimonopoly underlying price level determined by a political body. Such an outcome would call for restatement of price theory in this field in terms of the resolution of the conflict of supply and demand forces on a new plane of politico-economic competition.

THE DETERMINATION OF THE EFFECT ON SPEED AND ACCURACY OF CERTAIN DIFFICULTY FACTORS IN TYPEWRITING COPY

By CATHERINE ESTELLE SIEGLER PHILLIPS¹

THE PROBLEM

It is estimated by the Bureau of Vocational Education of the Office of Education, Department of the Interior, that between one and one-half and two million pupils study typewriting every year. In the city of Washington, D. C., alone, there are approximately eight thousand pupils studying typewriting each year. For the typewriting courses which these pupils take, there are definite objectives set up in the various school systems. These objectives include a speed requirement as well as such items as letter writing and tabulations. The speed attainments of the pupils are measured by timed, straight-copy speed tests. Any factor affecting the scores of the pupils on these tests is, therefore, of prime importance.

Many typewriting teachers require their pupils to keep graphs of their speed and accuracy, as measured by the speed tests they take. Although there is, for most pupils, a general trend of improvement, these graphs usually show fluctuations in both speed and accuracy. It is important to study the causes of these fluctuations and to determine whether any part is attributable to the test itself. In the selection of tests, it is customary for teachers of typewriting to choose those that appear to be easy or difficult according to the type wanted for a particular grade of work. This is indicative of the fact that teachers believe that there is a difference between typewriting tests. However, the results of these tests have frequently been at variance with those expected. It therefore seems desirable to use tests that conform to certain specifications. Only when tests of definite standards are used will the measurement of a pupil's improvement in speed and accuracy be correct.

The possibility that factors inherent in the typewriting test itself might influence the speed scores of the pupils led to the undertaking of this study. No previous research has been made to determine whether differences in the scores might be due to the copy of the test, and whether changes in the copy would result in changes in pupils' scores. No information was available as to which factors of the copy render it easy or difficult. This study has been made, therefore, to determine the effect of certain alleged difficulty factors found in straight copy upon the scores which typewriting pupils make on speed tests.

¹ A. B. 1923, A. M. 1927, The George Washington University; Ph. D. conferred June 10, 1936.

THE PROCEDURE

As a preliminary step in the solution of this problem, copy was analyzed to determine what difficulty factors are inherent in typewriting copy. The following sixteen factors were found: the familiarity of vocabulary; or frequency of use; the length of words; the syllabic intensity of words; the repetition of words; the length of the sentences; the structure of the sentences; the number of periods and commas; the number of other punctuation marks; the length of the paragraphs; the number of paragraphs; the use of figures; the number of capital letters; the number of special characters and symbols; the unequal division of writing between the hands; the weak-finger sequence of the letters; and the familiarity of the thought. These items were placed on a check list which was sent to all the teachers of typewriting in the public schools of the District of Columbia, and to leaders in the field of commercial education, asking them to choose the five items which they considered the most important. Answers were received from fifty-seven of the first group and sixteen of the second. Two of the factors ranked among the five most important in difficulty, namely, "familiarity of vocabulary" and "length of words", were chosen for experimentation in this study. In addition, it was decided to study the effect of "repetition of words" within the typewriting copy.

For the solution of the problem, it was necessary to set up specifications for "easy", "difficult", and average material and to construct copy which would meet these specifications. The basic figures for these specifications were taken from a study made by Lois E. Yeck.² She had analyzed forty pieces of typewriting copy which had been published by the typewriter companies to determine the percent of the words in each frequency group as given in the Horn³ list of 10,000 words most commonly used in writing; the percent of the words according to their lengths; the percent of words containing different numbers of syllables; the number of times that words were repeated within the copies; the percents of the total number of strokes made up of periods, commas, other punctuation marks, and capital letters. She compared the sentence structure used in these copies, as well as the number of paragraphs and the number of figures and symbols used. The percent of the total strokes written by the different hands; the percents of single, double, and multiple strokes written by either hand; and the percent of the consecutive strokes written by the weak fingers of either hand were also found.

Miss Yeck's conclusions that there were differences between the specifications of typewriting copies, and that no copy is average with respect to every difficulty factor, were verified by the analysis of ten additional pieces of copy.

² Lois E. Yeck, *An Analysis of Typewriting Copy*, unpublished Master of Arts thesis, George Washington University, Washington, D. C., 1915.

³ Ernest Horn, *A Basic Writing Vocabulary*, University of Iowa Monographs in Education, First Series, No. 4 (College of Education, University of Iowa, 1926).

The testing program was so planned that one factor of the copy was varied while all other factors of the copy as well as all the component parts of the testing situation were held as nearly constant as possible.

The percentages obtained from Miss Yeck's study were formed into distributions and the range, median, and quartile points of each distribution were calculated. The specifications for average, "easy", and "difficult" copy were based on these distributions. There was no established basis for determining what would constitute average, "easy", and "difficult" copy, so standards were set up which seemed practical and which seemed justified by the statistics available. Copy was considered average when it fell between the first and third quartiles of the distributions with respect to all the divisions of all the factors which had been analyzed. In constructing the copy for the "easy" and "difficult" tests, every factor of the copy except the one being studied was average in specifications. It was necessary to devise a technique for the variation of the factor being studied from "easy" to "difficult." To effect this variation, the extreme portions of the distributions of the percentages of the extreme divisions of the factor were used. For example, for the "easy" length of words tests, the upper quartile of the distribution for short words and the lower quartile of the distribution for long words were used. This resulted in a preponderance of short words and a small number of long words in this copy and the reverse for the "difficult" length of words tests. In like manner, the "easy" repetitions tests included the repetition of many words and the "difficult", few words. There were many of the more familiar words in the "easy" frequency tests and few in the "difficult" frequency tests.

The testing program included eighteen tests: six constructed according to average, six according to "easy", and six according to "difficult" specifications. The factors of repetition of words, length of words, and the frequency of use of words, were varied in two each of the "easy" and "difficult" tests, while all the other factors of the copies were average in their specifications.

The tests were five minutes in length; they were given in the middle days of the week; the teachers cooperating in the experiment were given written directions so that the procedure for all tests was uniform. Three tests were given each week in regular order. An average test was given first to establish the speed rate of the pupils at that time. This was followed by an "easy" and then by a "difficult" test. The scores made on the "easy" and "difficult" tests were compared with those on the average test immediately preceding. In this way, it was not necessary to allow for any practice effect.

The reliability of the tests ranged from .50, with a probable error of .06, to .75, with a probable error of .03. These coefficients compare favor-

ably with those found for two tests picked at random from those now being used in the classroom which were .59 and .52 respectively.

Ninety-two third-semester pupils and fifty-four fourth-semester pupils participated in the experiment, each pupil taking eighteen tests. The scores for each group were kept separate, and statistical measurements were calculated for each. The mean scores of each group made on each test, and the differences between the means, are given in tables I and II.

TABLE I.—*Test scores made on eighteen pieces of typewriting copy by ninety-two third-semester pupils*

Test	Classification	Mean	Standard error of mean	Difference between means	Standard error of difference
I-1.....	Repetition:				
	Average.....	36.89	± 0.95	I-1, I-2 1.16	± 1.18
I-2.....	"Easy".....	37.05	± 0.92		
I-3.....	"Difficult".....	37.45	± 1.15	I-1, I-3 1.56	± 1.32
II-1.....	Length:				
	Average.....	37.65	± 0.98	II-1, II-2 0.09	± 1.20
II-2.....	"Easy".....	37.56	± 1.02		
II-3.....	"Difficult".....	37.59	± 1.09	II-1, II-3 2.06	± 1.30
III-1.....	Frequency:				
	Average.....	38.0	± 1.14	III-1, III-2 1.1	± 1.42
III-2.....	"Easy".....	39.1	± 1.06		
III-3.....	"Difficult".....	35.8	± 1.15	III-1, III-3 2.2	± 1.56
IV-1.....	Repetition:				
	Average.....	38.3	± 0.98	IV-1, IV-2 0.75	± 1.36
IV-2.....	"Easy".....	37.55	± 1.03		
IV-3.....	"Difficult".....	34.86	± 1.17	IV-1, IV-3 3.44	± 1.41
V-1.....	Length:				
	Average.....	34.48	± 1.02	V-1, V-2 3.07	± 1.37
V-2.....	"Easy".....	37.55	± 1.06		
V-3.....	"Difficult".....	39.64	± 1.12	V-1, V-3 5.16	± 1.18
VI-1.....	Frequency:				
	Average.....	40.74	± 0.95	VI-1, VI-2 0.65	± 1.14
VI-2.....	"Easy".....	40.19	± 0.97		
VI-3.....	"Difficult".....	36.07	± 0.92	VI-1, VI-3 4.67	± 1.22

TABLE II.—Test scores made on eighteen pieces of typewriting copy by fifty-four fourth-semester pupils

Test	Classification	Mean	Standard error of mean	Difference between means	Standard error of difference
I-1.....	Repetition: Average.....	43.28	± 1.22	I-1, I-2 0.08	± 1.70
I-2.....	"Easy".....	43.36	± 1.18		
I-3.....	"Difficult".....	43.36	± 1.24	I-1, I-3 0.08	± 1.74
II-1.....	Length: Average.....	44.38	± 1.25	II-1, II-2 0.28	± 1.57
II-2.....	"Easy".....	44.1	± 1.38		
II-3.....	"Difficult".....	45.36	± 1.32	II-1, II-3 0.98	± 1.15
III-1.....	Frequency: Average.....	43.32	± 1.66	III-1, III-2 2.48	± 2.10
III-2.....	"Easy".....	44.8	± 1.28		
III-3.....	"Difficult".....	40.89	± 1.16	III-1, III-3 1.45	± 2.02
IV-1.....	Repetition: Average.....	43.33	± 1.41	IV-1, IV-2 0.52	± 2.09
IV-2.....	"Easy".....	42.81	± 1.54		
IV-3.....	"Difficult".....	42.71	± 1.52	IV-1, IV-3 0.62	± 2.07
V-1.....	Length: Average.....	41.27	± 1.57	V-1, V-2 2.08	± 2.17
V-2.....	"Easy".....	43.35	± 1.50		
V-3.....	"Difficult".....	44.1	± 1.46	V-1, V-3 2.83	± 2.14
VI-1.....	Frequency: Average.....	45.58	± 1.38	VI-1, VI-2 0.39	± 1.96
VI-2.....	"Easy".....	45.19	± 1.39		
VI-3.....	"Difficult".....	42.6	± 1.51	VI-1, VI-3 2.98	± 1.46

FINDINGS

1. For repetition of words.

In the first group of tests, which compared the results of copy with a large number of words repeated with that of copy with only a small percentage of repeated words, there appeared to be little difference between the resulting speed of either the third-semester or the fourth-semester pupils except that the spread of the third-semester pupils is

greater for the "difficult" copy. The means of the fourth-semester group for the average, "easy", and "difficult" tests are practically identical. In the second series of tests, which varied the factor of repetition of words, series IV, there was a difference of 3.44 between the means of the average and "difficult" tests for the third-semester group. However, the standard error of this difference was 1.41 so that the difference is statistically unreliable. There was practically no difference between the means of the fourth-semester group on this series of tests. The spread on the "difficult" tests was larger for the third-semester group but about the same for the fourth-semester.

2. For length of words.

In the first series of tests, which compared the resulting speed on copy with a larger percentage of short words with that of copy with a larger percentage of long words, series II, there was practically no difference in either the third- or the fourth-semester groups. The standard errors of differences were large. The spread was about the same in both groups.

In the second group of tests, varying the length of the words, both groups of pupils made higher mean scores on the "easy" and "difficult" tests than on the average test. The difference between the means of the "difficult" test and the average test for the third-semester group was 5.16 in favor of the "difficult" test, with a probable error of 1.18. The fourth-semester group had a difference of 2.83 between these tests with a standard error of 2.14. The spread on these tests was about the same for both groups.

3. For frequency of use or familiarity of words.

Both the third- and the fourth-semester groups of pupils found the copy of "easy" specifications in series III easier to write and the copy of "difficult" specifications, difficult. The "easy" copy had a greater percentage of more frequently used words, while the "difficult" copy had a higher percentage of less familiar words. While the differences between the means on these tests are present, the standard errors are too large for them to be statistically reliable.

In the other group of tests which varied the vocabulary frequency, series VI, the means for the average and "easy" tests were practically the same, while the means for the "difficult" test were lower for both groups. The standard error of this difference for the third-semester group was sufficiently small to make the difference significant.

CONCLUSIONS

Based on the number of cases included in this study and considering the limits of the specifications of the tests used, it may be concluded that

typewriting pupils of the third and fourth semesters are not affected by the copy used to measure their speed and accuracy. While there were differences between the means of the scores made by these pupils on the tests, these differences were not reliable.

Although the differences between the means of the scores are not significant, the fact that the tests with a larger number of less frequently used words resulted in lower mean scores for both tests in both groups of pupils is an indication that this type of copy does present a difficulty for pupils. The differences were consistent, though with one exception, statistically unreliable.

Although the differences are not conclusive, there is a possibility that third-semester pupils are sometimes hindered by the presence of long words in the copy, while this seems to be an advantage for fourth-semester pupils. The more advanced pupils have probably passed from the writing-by-letter stage of typewriting into the pattern-writing stage. Therefore, it may be confusing for them to see such a large percentage of very short words.

Neither group of pupils found the number of repetitions of the words a difficulty factor of the copy. Within the scope of this experiment, there is evidence that the amount of repetition of words within the speed-test copy does not constitute a difficulty factor of that copy.

The inconsistencies in the results of the testing program of this study emphasize the fact that it is probable that there are factors aside from the copy which produce an increase or decrease in the speed and accuracy of high-school pupils and which have an effect at least equal to that of changes in the copy.

SUMMARY OF THESES SUBMITTED FOR THE
DEGREE OF DOCTOR OF EDUCATION

1934-36

HIGHER EDUCATION AMONG THE ADVENTISTS

By WALTER IRVINE SMITH¹

Higher education among the Adventists began with the founding of Battle Creek College at Battle Creek, Michigan, in 1874. During subsequent years a number of seminaries and colleges were established in various parts of the United States, six of which have developed as four-year institutions of higher learning. These now serve as training schools for Adventist youth in as many Union Conferences. Their names and locations are as follows: Atlantic Union College, South Lancaster, Mass.; Emmanuel Missionary College, Berrien Springs, Mich.; Pacific Union College, Angwin, Calif.; Union College, College View, Nebr.; Walla Walla College, College Place, Wash.; Washington Missionary College, Takoma Park, D. C.

The present study is a survey of these six colleges. It was undertaken primarily with a view to providing a body of organized information relating to their current educational standards and practices and at the same time to review the backgrounds of history and philosophy in which their present distinctive ideals find precedent and support.

These six colleges are both small and young. While higher education among the Adventists must be said to have begun with the establishment of Battle Creek College in 1874, there was little real accomplishment in collegiate work until near the close of President Prescott's administration, 1885-93. Subsequently there was a decline in college interest which continued until the institution was closed in 1901.

In the meantime Union College had been established in 1891 in the great territory of the Central West. While the "new college" enjoyed a large enrollment but few of its young people were really doing the work of college grades. As late as 1911, a finishing class of thirteen candidates for the A.B. degree constituted the largest group yet graduated by the institution.

Walla Walla College in the Northwest after twenty-two years of pioneering effort conferred the first truly earned degrees upon two young men in 1914. Pacific Union College, the successor to old Healdsburg, and Washington Missionary College, which had been established in Takoma Park, D. C., in 1904, conferred their first degrees at about this same time. It will thus be seen that with the two exceptions of a few years in the Battle Creek College and the work done by Union College, the history of senior-college accomplishment by these colleges really begins about 1915.

¹ B.A. 1911, Union College; M.S. 1917, Whitman College; Ed.D. conferred June 6, 1934.

Since that time there has been a rapid growth in enrollment and a striking increase in the number of upper-division and finishing students.

The colleges endeavor to accentuate the three-fold objective—the harmonious development of the physical, mental, and spiritual powers of their students. In order to facilitate the attainment of these objectives, it was the aim of the founders of the institutions to secure quiet rural locations for the colleges, preferably with farms adjacent to the campuses where agricultural pursuits could be taught and practiced. Industrial enterprises such as commercial woodworking, auto mechanics, laundering, and printing were later fostered with a view to providing remunerative work for needy students, teaching them the basic trade skills, and providing at the same time wholesome physical exercise for leisure hours. Games and amusements are not encouraged. At the same time care is exercised to provide the students with wholesome recreation as a safeguard to the health.

Intellectually and scholastically the students are encouraged to aspire to the highest attainments of which they are individually capable. From the questionnaires on time preparation for assignments it would seem that the average weekly load of study and physical labor is heavy; also that this load is carefully balanced as between class programs and physical labor so that the intellectual interests may not unduly suffer because of the manual-labor program.

In religious affiliation all members of the faculties and approximately 90 percent of the students are members of the Seventh-day Adventist Church. Every effort is made to foster a deeply religious atmosphere in the colleges and so to impress the youth who attend that they will go forth from the schools to live exemplary Christian lives and, where opportunity arises, devote their efforts to missionary endeavor.

As a measure of economy, the colleges maintain a simple administrative organization. As a substitute for endowment, each institution receives an annual subsidy of \$10,000 from the General Conference, and this amount, supplemented by student tuitions and fees, combined with the general denominational policy of "contributed services", provides a fairly adequate financial support for the educational program.

Turning now toward the future of the colleges, three problems would seem to present themselves for denominational consideration as follows: (1) decision as to the number, location, and rank of colleges to be operated; (2) more adequate provision for the teaching of applied arts; and (3) consideration of plans and facilities for the conduct of graduate work.

Since 1922, there have been frequent discussions with reference to the number, location, and rank of the Adventist colleges in North America. As a result the six senior colleges of this survey have emerged with well-defined territorial limitations and with specific denominational authorization and support. During the same period the aggregate church

membership supporting these colleges has increased by nearly 50 percent, making available a corresponding increase of prospective collegiate students. Even yet those best acquainted with the problems of higher education feel that the denominational interests in this field could be served more economically and at the same time more efficiently if the territory for upper-division students were redistributed to not more than three senior colleges, the remaining three being reorganized as strong junior colleges. Which institutions should be designated as senior colleges and which, if any, as junior colleges is of course a matter for administrative action by properly constituted denominational authority.

In the colleges studied the number of students in lower-division work ranges from two-thirds to three-fourths of the total enrollment of the colleges. In the junior colleges not included in this study is an additional large group. Also approximately 40 percent of all students admitted are graduates of high schools and 60 percent are received from a group of about 5,000 secondary students in Adventist academies. It would seem therefore that there is approximately one junior-college student for five secondary students and one upper-division student for four junior-college students. Remembering that many young people are enrolled in nursing schools, medical college, employed in secretarial work, elementary teaching, etc., there still exist large numbers unaccounted for who quietly withdraw from school life and return to their former vocations. For these, more adequate provision might perhaps be made in setting apart one college for more specialized training in the applied arts and mechanical skills, thus offering to the young people who are not interested in professional training a better opportunity to prepare themselves for the usual life vocations and at the same time providing better facilities for the training of those who might be used in positions of leadership in the industrial enterprises carried on by the various denominational institutions.

Finally, perhaps no educational problem confronting the Adventist denomination is deserving of more thoughtful consideration than that of a graduate school or university. For a quarter of a century a medical school has been conducted in southern California which has an "A" rating with the American Medical Association. In no other field has professional training been carried beyond the four year college level. In 1930 the Department of Education of the General Conference submitted the following recommendations for study at the Educational Council preceding the General Conference:

"We recommend, a. That the General Conference be earnestly requested to lay plans for the establishment of a graduate school upon the following suggestive lines:

"b. That it be a separate college, having no organic connection with any other existing college.

"c. That it be located near an educational center where there would be abundant library and laboratory facilities accessible.

"d. That the facilities for conducting such a college consist of the following: (1) a commodious and representative administrative building; (2) an outstanding working library and laboratory.

"e. That the following suggestive departments be maintained: Bible, History, English, Chemistry and Biology, Physics and Mathematics, Education, Languages, Domestic Science, etc.

"f. Advantages: (1) all graduate work done in the atmosphere of Christian education as expounded in chapel exercises and in every department of study. (2) every graduate student doing his work in the spiritual and cultural atmosphere of the combined influence of all departments; (3) an opportunity to work out various phases of denominational problems in the way of research theses set for the various candidates for advanced degrees."

The immediate onset of the depression caused a postponement of further consideration of a graduate school until the Autumn Council of 1932 when it was proposed to make a beginning by initiating one year of graduate study in Theology in one of the senior colleges. This was later designated to be done at Union College because of the central location of that institution. Again, for financial reasons, the resolution was stayed in execution and a substitute plan was proposed of meeting this need by means of successive summer sessions of twelve weeks' duration. The first of these will open June 6, 1934, at Pacific Union College.

Thus it is seen that a spirit is developing favorable to the conduct of graduate work under denominational sponsorship. Doubtless in the near future not only will a central seminary for the training of ministers be provided but work of a graduate character will be sponsored in other departmental fields of study.

A PERSONNEL STUDY OF THE FACULTIES OF THE PENNSYLVANIA STATE TEACHERS COLLEGES

By WILLIAM ALBERT EARL WRIGHT¹

PURPOSES OF THIS STUDY

The purposes of this study are: to present facts which will be useful in the determination of future personnel policies in the Pennsylvania State Teachers Colleges; and to present data of value in the guidance of young men and young women contemplating careers as teachers in the Pennsylvania State Teachers Colleges.

METHOD OF PROCEDURE

The vocational history technique was selected for use in this study since it provides accurate, objective, and unbiased data concerning education and experience needed, rate and routes of advancement, financial opportunities, and duties in a profession. This technique involved the compilation of data concerning the educational and vocational histories of faculty members.

Two sources were utilized to secure data used in this study. A questionnaire to the full-time instructional personnel of the Pennsylvania State Teachers Colleges (1933-34) and personnel records of the faculties on file at the Pennsylvania State Department of Public Instruction (1933-34) were used as the sources of the data. Five hundred and sixty-four members of the instructional personnel were included in this study and four hundred and twenty-five responded to the questionnaire.

For the purpose of securing a clear-cut picture of the instructional personnel, data were secured for each faculty division separately and also for the combined faculties. At the present time the instructional personnel of the Pennsylvania State Teachers Colleges is organized into fourteen divisions. These divisions are as follows: Arts, Commerce, Education, English, Geography, Health, Home Economics, Language, Library, Manual Arts, Mathematics, Science, Social Studies, and Training School. However, due to insufficient numbers, the manual arts division data were used only in sections pertaining to attainment of degrees. In certain sections, library division data were omitted since few of the librarians do much classroom teaching. The arts division included teachers of art, music, and handwriting.

¹ B.S. 1923, M.S. 1928, Gettysburg College; Ed.D. conferred June 5, 1935.

SUMMARY AND CONCLUSIONS

I. Academic status and training:

A. Degrees held:

1. Ninety-six percent of the members of the faculties possess the bachelor's degree; 80 percent the master's degree; and 10 percent the Doctor's degree.
2. All members of the Geography, Language, Home Economics, Mathematics, Science, and Social Studies divisions hold the Bachelor's degree. Since the percent of the faculties holding the Bachelor's degree has increased only one percent since 1928-29, it is evident that those members of the faculties who did not possess the Bachelor's degree at that time have not seriously attempted to fulfill the requirements for this degree to date.
3. Since 96 percent of the faculties possess the Bachelor's degree and since the percent of Master's degrees has increased from 46 to 81 during the past five years, it is probable that instructors employed in the future will be required to possess both the Bachelor's and Master's degrees. The degree held by the majority of the faculty members may reasonably be assumed to represent a fairly desirable amount of preparation for this field. The only probable exceptions, in the case of the Master's degree, are in the Library, Dean of Women, and Arts divisions which have 28, 57.14, and 63 percent respectively of their members that possess the Master's degree. All members of the Language division hold the Master's degree.
4. During the past five years, the percent of Doctor's degrees has increased from 7 to 10. Therefore, it is evident that it is not necessary to possess the Doctor's degree to teach in the Pennsylvania State Teachers Colleges at the present time. The Language, Science, Education, and Social Studies divisions, with 33.33, 25.64, 23.75, and 23.53 percent respectively, have the highest percent of the faculties that have attained the Doctor's degree.

Recent administrative pressure will probably result in a substantial increase in the percent of the Doctor's degree possessed by the faculties. It is quite probable that the possession of the Doctor's degrees will receive increased emphasis, in the future, when additions to the staffs are necessary.

B. Ages of members of the faculties on attaining degrees:

1. The members of the faculties secured the Bachelor's degree, Master's degree, and Doctor's degree at the median ages of

28 years, 35 years, and 38 years respectively. These late ages, probably, are due to the fact that many members of the faculties entered the teaching profession before the Bachelor's degree was secured. Therefore, it is reasonable to conclude that the ages at which degrees are attained reflect the entrance and subsequent requirements of a profession.

2. The Bachelor's degree was received by the members of the faculties between the median ages of 23 years (Language division) and 33 years (Geography division). The Master's degree was received between the median ages of 31 years (Language division) and 38 years (Geography division). The median age upon receiving the Doctor's degree ranges from 33 years (Science division) to 47 years (English division).

C. Undergraduate and graduate majors:

1. Seventy-one percent of the members of the faculties possess an undergraduate major in the present teaching field. The Education division has the lowest percent of faculty members teaching the field that they pursued as their undergraduate major (43.18 percent). All members of the Home Economics division have an undergraduate major in the present teaching field.
2. Seventy percent of the faculties have pursued a graduate major in the present teaching field. The Education division has the highest percent of faculty members teaching in the field that they pursued as their graduate major (97.83 percent). The Mathematics division has the lowest percent of the members of the faculties that have pursued graduate majors in the present teaching field (35.29 percent).
3. The faculty members are credited with a median of 34 semester-hours in the undergraduate major and a median of 30 semester-hours in the graduate major. The number of semester-hours in the undergraduate major range from 30.15 semester-hours (Mathematics division) to 50.56 semester-hours (Arts division). The number of semester-hours in the graduate major range from 22.5 semester-hours (Commerce and Mathematics divisions) to 36.39 semester-hours (Education division).

D. Number of semester-hours in the present teaching field:

The members of the faculties have taken a median of 41 semester-hours in the present teaching field. The range is from 24 semester-hours to 71.5 semester-hours. The Language division members and the Education division members have a median of 24 semester-hours and 71.5 semester-hours, respectively, in the present teaching field.

E. Courses in Education taken by the faculty members:

1. The members of the faculties have taken a median of 52 semester-hours in Education. The number of semester-hours range from 31 (Language division) to 74 (Training School division).
2. The most popular fields in Education taken by the faculties were educational psychology, principles and philosophy of education, special methods, history of education, methods (general), and administration.

F. Relationship of academic training to professional training:

The median number of semester hours of professional training credited to the academic faculties is, probably, considerably higher than is wise or necessary when compared with the median number of semester hours in the present teaching field.

II. Experience, economic status, and vocational progress:

A. Experience:

1. Three out of four faculty members entered the teaching profession in the capacity of teachers in the public-school system.
2. The members of the faculties possess a median of eight years of public-school experience. The members of the Education division, with a median of 14.1 years, have had the most public-school experience. The members of the Home Economics division, with a median of 4.1 years, have had the least experience in the public schools.
3. The faculty members have had wide experience in the elementary, secondary, and administrative fields. The data show that 69 percent of the members of the faculties have had experience in the elementary field, 71 percent in the secondary field, and 64 percent in the administrative field. Instructors employed in the future may expect to present evidence of experience in one or more of the public-school fields.
4. A median of 10 years of college experience is possessed by members of the faculties. The members of the Language division and the Mathematics division have had the most experience in college teaching and the Commerce division members have had the least. The members of the Language and Mathematics divisions have had 14.5 years of college experience and the Commerce division members have had 6.25 years of college experience.
5. Fifty-one percent of the members of the faculties have been

engaged in college or secondary-school teaching immediately prior to appointment to the staffs of the Pennsylvania State Teachers Colleges.

B. Vocational progress:

1. Before entering upon their present teaching position, the faculty members had a median of 10.2 years of experience. The Geography division, with a median of 15.4 years, had the largest amount and the Health division members, with a median of 7.5 years, had the smallest amount of previous experience.
2. Service rendered in their present positions by the faculties of the Pennsylvania State Teachers Colleges amounts to a median of 8 years. The members of the Commerce division have had the least experience in the present position and the members of the Education division have had the most experience. The Commerce division members have had a median of 5 years in the present position and the Education division members have had a median of 10.1 years.
3. The faculty members of the Pennsylvania State Teachers Colleges have been engaged in the teaching profession for a median of 18 years. The range is from 14.1 years (Home Economics division) to 24.4 years (Education division).
4. The members of the faculties entered the teaching profession at the median age of 21.7 years. The range was from 19 years to 22.9 years. The former age refers to the Home Economics division and the latter age to the Language division.

C. Present ages of faculty members:

1. In all probability, the greatest change in personnel of the Pennsylvania State Teachers Colleges, in the near future, will take place in the Education, English, Mathematics, and Science divisions. In these divisions, the ages of the members of the 90th percentile are very near the optional retirement age.
2. The median present age of the members of the faculties is 43 years. The Commerce and Home Economics divisions, with 37.5 years, have the lowest median present age. The Education division, with 48.61 years, has the highest median present age.

D. Salaries of members of the faculties:

1. The present median salary received by the faculties of the Pennsylvania State Teachers Colleges is \$2,416. The lowest

median salary is received by the members of the Library division. The Education division members receive the highest median salary. The members of the Library division receive \$2,000 and the members of the Education division receive \$3,010 for nine months' service.

2. If the salaries remain on the present level, an individual entering this field will probably not receive less than \$1,978 nor more than \$3,321, but will probably ultimately receive about \$2,416 for nine months' service.
3. If the salaries are restored to the previous level, an individual entering this field will probably receive not less than \$2,198 nor more than \$3,690, but will ultimately receive about \$2,684 for nine months' service.

III. Duties and personal data:

A. Duties:

1. The members of the faculties of the Pennsylvania State Teachers Colleges spend a median of 16 clock-hours per week in classroom instruction. The Mathematics division members spend the least number of hours in classroom instruction and the members of the Home Economics division the most. The range is from 14.71 clock-hours to 19 clock-hours.
2. The members of the faculties of the Pennsylvania State Teachers Colleges spend a median of 15.42, 6.57, 4.28, 3.24, 3.58, and 3.87 clock-hours per week, respectively, in preparation and paper work, administrative responsibilities, research, public relations, extra-curricular activities, and conferences, faculty meetings, and committee work.

B. Personal data:

1. Fifty percent of the faculty members of the Pennsylvania State Teachers Colleges held positions in Pennsylvania immediately prior to appointment to their present positions. The range is from 11.11 percent to 63.16 percent. The Home Economics division has the lowest percent and the Mathematics division has the highest percent that held positions in Pennsylvania immediately prior to appointment to their present positions. The Pennsylvania State Teachers Colleges have a sufficient number of faculty members that have held positions outside Pennsylvania immediately prior to appointment to their present positions to insure the securing of valuable new contacts.

2. The data show that 25.6 percent of the fathers of the faculty members of the Pennsylvania State Teachers Colleges are engaged in agricultural pursuits, 22.25 percent in the professions, 20.81 percent in business, 15.31 percent in miscellaneous pursuits, and 16.03 percent are either dead or retired.

INSURANCE AND ANNUITY PLANS FOR COLLEGE STAFFS

By SHERMAN EDWARD FLANAGAN¹

The purposes of the study are: (1) to describe and compare the various insurance and annuity plans that are suitable for college staffs; (2) to determine the extent to which colleges and universities have availed themselves of these devices for the financial security and social betterment of their employees; and (3) to state those features of existing plans or systems that seem to be most feasible for institutional adoption and most attractive for employees' participation.

Data were secured through questionnaires sent from the United States Office of Education to the institutions of higher education, and through letters directed to insurance companies, church pension boards, and State teachers' retirement boards. Information was received from 642 or 57.1 percent of all four-year colleges in the United States and its possessions. The data showed that 136 colleges representing 31,093 employees were protected to the extent of over \$86,000,000 of group life insurance. Employees at 27 colleges were covered by group health and accident insurance and 313 institutions had some form of retirement plans.

The second chapter contains the historical development of pensions, annuities, and personal insurance and shows (1) how individual annuity payments and death wagers preceded our complicated pension systems and group life contracts; (2) how the early social philosophy respecting economic independence was modified by the industrial revolution and the accompanying changes in modes of living; and (3) how the first naive methods of calculating pension loads and rate-making finally developed into our present day scientifically determined pension systems where life expectancy is reduced to mathematical accuracy.

Chapter III is devoted to a description and comparison of insurance and annuity plans that are now being used by institutions of higher education for the protection of their teachers and employees. These institutions are classified as follows: (1) those insuring with commercial companies; (2) institutions whose teachers are receiving Carnegie grants; (3) institutions taking advantage of annuities offered by The Teachers Insurance and Annuity Association which is sponsored by the Carnegie Foundation; (4) State institutions included in the public-school retirement systems; (5) denominational colleges participating in church pension funds; and (6) institutions that meet protection responsibilities of employees as they arise out of current income or from special funds.

¹ A.B. 1923, The George Washington University; A.M. 1924, University of Maryland; Ed.D. conferred June 10, 1936.

The commercial insurance companies have a diversity of plans for group adoption. They include provisions for all three of the major hazards, namely, premature death, old age, and sickness and accident. The forms of group insurance are as follows: group life insurance (for groups of at least 50); wholesale insurance (for groups of 10 to 49); blanket coverage insurance (for groups of 20 or more); group health and accident insurance; group death and dismemberment insurance; group annuities (a plan whereby provisions are made for retirement); salary investment insurance (whereby the employer deducts the amount of the premium from the employee's pay and remits to the insurance company); total and permanent disability insurance (often included as an additional feature in the above insurance plans); package plan insurance (includes any combination of the various types of group insurance). In this way, the employees can provide for protection against the major hazards of life—death, loss of limb or sight, sickness, accident, and old age—in one policy and with one pay roll deduction.

Although the several companies differ as to details of a plan they may recommend for adoption, the cost and the benefits are about the same. Some seem to be more flexible and adaptable to group needs. The excessive overhead of commercial companies is being reduced by group purchasing.

The Carnegie Foundation has rendered a great service not only in granting pensions to aged teachers, but especially in the dissemination of information that has led many colleges to adopt some form or plan of retirement. Of course the free grants are not made to new teachers at the present time and a discussion of the good and bad features is not necessary. Colleges associated with the Foundation and those whose teachers are receiving these benefits should make every effort to provide for their young employees while the older ones are being cared for.

The Teachers Insurance and Annuity Association was organized by the Carnegie Foundation to offer deferred annuities at cost to college teachers as a substitute for the free pensions. It is also under the strict supervision of the New York State Insurance Commission. These facts make these annuities very attractive. It is to be regretted that the nonprofessional employees of an institution are not eligible to participate. In most cases the teacher pays to the Association five percent of his salary which amount is matched by the college. These joint contributions provide an income for old age. The contract does not provide for cash settlement in case of withdrawal prior to retirement, but in the event of death the beneficiary shall receive the amount to his credit in 120 monthly installments. Life insurance is also written by the Association at very favorable rates, but it has not undertaken the risk of underwriting group protection. It is suggested that the colleges adopting its annuity plan

should make supplementary provisions for death, health, and accident benefits through other agencies designed for group protection.

State and city retirement boards are in some instances extending benefits to State colleges and universities. This is as it should be, and the legislatures have failed in their duties when these public employees are excluded from a system that was designed only for public-school teachers. Of course, if the State system is not properly established on a sound actuarial basis, it is well to seek protection elsewhere. It was found that 20 colleges and 74 teachers' colleges in 20 States, Territories, and cities were members of these larger systems. Many of these colleges have secured group protection against premature death and disability from commercial insurance companies. Retirement systems rarely provide for these two contingencies except in a very limited way.

Church pension boards are offering old-age benefits to certain employees of colleges under the control of the several denominations. In many instances they are of indefinite amounts and limited to ministers that are teaching at these institutions. Teachers in colleges under the control of the Catholic Church are very often provided for through membership in the religious orders. In several cases a contributory plan of retirement has been set up for all the church employees and where the investment of the funds has been placed in competent hands there is found reasonable satisfaction. Most of the small church colleges are caring for their aged employees and their dependents by paying them small amounts from current income.

Forty colleges reported that they were administering their own pension benefits, fifteen by establishing a fund for the purpose and twenty-five by following a definite plan of paying certain retiring allowances to their employees out of current income. Usually the promises to the employees are very vague and indefinite and rarely are provisions made for the ultimate load that a pension system entails. The requisites of a good pension system are that it is actuarially sound, that the benefits are guaranteed by contracts, and that they are paid out of the fund made up from the joint contributions of the employees and the employer. Very few of these plans can boast of meeting these requirements. With the exceptional facilities of the Teachers' Insurance and Annuity Association available for the teachers and the commercial insurance companies for the other employees, there seems no good reason for not transferring the responsibilities of administering pension funds to these specialized agencies.

More than one-half of all the colleges have no definite plan of insurance and annuities. In many instances where the colleges are small and employ few teachers the protection problem is really an individual matter and does not call for group action. As stated before, many of the church institutions have no problem because their teachers are members of religious orders which have assumed this responsibility. However, there

are many large colleges and universities that have no definite plan but care for their employees in one way or another.

Chapter IV shows the present status of American institutions of higher education with respect to insurance and annuity plans. This can be given best by three tables, the first showing the number of colleges that are classified under the several plans of retirement.

TABLE I.—Number of institutions using the various plans for retirement

Retirement plans	Institutions
Teachers Insurance and Annuity Association.....	106
State and city teachers' retirement systems.....	94
Church pension plans.....	56
Nonfunded plans or paying out of current income.....	25
Annuity plan administered by commercial companies.....	12
Funded plan administered by the institution.....	15
Carnegie pension only.....	13
Grand total.....	321
Duplicates.....	8
Net total.....	313

In table II, the types of retirement are shown for each of the classifications of institutions.

TABLE II.—Plans of retirement classified according to types of institutions

Institutions	Plans of retirement						
	T.I.A.A.	Teacher retirement	Church pensions	Non-funded	Funded	Group annuity	Carnegie
Public.....	16	20		5	2	2	4
Private.....	78			2	11	7	7
Church.....	14		56	18	3	3	2
Teachers.....	2	74					
Negro.....	4		10				
Grand Total.....	114	94	66	25	16	12	13
Duplicates.....	8		10		1		
Total.....	106	94	56	25	15	12	13

Table III shows the number of institutions under the various classifications that have group life and health and accident insurance.

TABLE III.—*Number and classification of institutions using insurance protection*

Institutions	Group life	Health and accident
Private.....	54	11
Church.....	45	6
Public.....	37	6
Negro.....	9	1
Teachers.....	6	4
Grand total.....	151	28
Duplicates.....	15	1
Total.....	136	27

When a college is about to inaugurate a plan of protection for its employees there are certain underlying principles to follow if the problem is to be solved satisfactorily. Studies made by the Carnegie Foundation for the Advancement of Teaching and the National Education Association have been of much value in the preparation of Chapter V which contains a statement of the fundamental principles of a comprehensive program of insurance and annuities for college staffs. They are as follows:

1. Coverage should include protection against the effects of the three major hazards of economic life: premature death, old age, and sickness and accident.

2. Membership should include all the employees of an institution, both the professional and nonprofessional groups.

3. Membership should be compulsory for new members entering the service of the college after the adoption of a plan; optional for those already in the service with the understanding that the institution assumes no responsibility for those eligible who do not avail themselves of the benefits offered.

4. The employees and the institution should share approximately on an equal basis in the payment of the premium on the group insurance and in making deposits into the retirement fund.

5. The amount of group insurance for each member should be greatest during the early years and middle life when the family obligations are felt most keenly and when the retirement deposits have not accumulated adequately for a death claim.

6. The income during illness should be at least 75 percent of an em-

employee's salary up to a maximum of \$200 monthly, not including hospitalization.

7. Retirement should be allowed after 60, and be compulsory at 70. The retirement allowance should be sufficient to enable the employee to live in comparative comfort at the minimum age.

8. The contributions made for retirement purposes should be paid into a fund controlled and administered by a responsible agency other than the employer.

9. The agency responsible for the administration of the fund, by virtue of a contract, should open an account with each member. Joint contributions of the individual and the institution should be made regularly and concurrently during the employee's period of service. Sums deposited in that account should be held in trust for that employee and improved with interest until it is withdrawn at death, transfer, or retirement.

10. In the event of withdrawal, transfer, or death prior to retirement, the member should have a choice of options with respect to the disposition of the accumulated deposits in the retirement fund, as well as the life insurance and health and accident features.

11. The member should have a choice as to the manner in which he shall receive the retirement income in old age.

12. If a definite income is promised at retirement, the fund should be subject to adjustments as determined by periodic actuarial investigations.

13. Upon the adoption of a plan of protection, employees nearing the retirement age should be given credit for their services prior to the establishment of the retirement features; otherwise the future joint contributions will not provide an adequate income for them in old age.

14. The rights of employees to receive benefits under an old system of protection should be recognized and respected when a new plan is instituted. The same consideration should be extended to new employees having expectations elsewhere.

15. The life insurance and the health- and accident-insurance features should become effective immediately upon adoption. Deposits for retirement purposes may be postponed until new or recently appointed employees have passed the probationary period.

16. When a plan of protection is first considered, a carefully selected joint committee of the employer and the employees should be appointed by the president of the institution to prepare a protection system suitable for their needs.

THE DISCIPLINARY CLASS

A SURVEY OF THE STATUS AND ADMINISTRATION OF DISCIPLINARY SCHOOLS AND CLASSES FOR GRADES 7 TO 12 IN LARGE CITIES IN THE UNITED STATES, WITH A SUGGESTED PROGRAM FOR THE REORGANIZATION OF THE DISCIPLINARY CLASS IN WASHINGTON, D. C.

By CHESTER WINFIELD HOLMES¹

The purposes of this study are to show what procedures are being followed in the larger cities having disciplinary schools or classes, to analyze those procedures to learn what has been found satisfactory and unsatisfactory, and to suggest a constructive program for reorganizing the disciplinary-class procedures in Washington, D. C.

It was found that disciplinary classes are housed primarily in elementary-school buildings or in separate school buildings. Of the eighteen cities sending detailed information regarding their practices, fourteen reported centering the responsibility for the proper conduct of the disciplinary classes in the principals of the buildings in which the classes are located; and fifteen cities stated that the teachers of such classes were considered members of the faculties of the buildings in which the classes met.

In the case of the boys, 41.5 percent of those sent to disciplinary classes came from the seventh grade and 27.9 percent from the eighth grade; thus practically 70 percent of those sent came from the first two grades of the secondary school (and it must be borne in mind that, for the purposes of this study, the term "secondary school" includes grades 7 to 12, inclusive). On the other hand the heaviest incidence in the case of the girls was in the ninth grade with 43.9 percent and, next, in the eighth grade with 29.4 percent; thus almost three-fourths of all girls in the disciplinary classes came from the eighth and ninth grades.

Fifteen cities reported on the estimated optimum and estimated maximum sizes of disciplinary classes. The range of the former was from 10 to 35 and of the latter 15 to 35, with means of 19.6 and 23, respectively.

The causes for which pupils may be sent to disciplinary classes from regular schools are many and varied, but the following rank highest, in this order: (1) habitual truancy; (2) defiance of authority; (3) persistent disobedience; (4) continual annoyance of other pupils; (5) insolence; and (6) wilful damage to school property. With only one exception (San Diego) the cities agreed that the school principal was the person most

¹ B.S. 1916, Ed.M. 1924, Harvard University; Ed.D. conferred June 10, 1936.

frequently initiating requests for transfer to the disciplinary class but that the attendance officer and the homeroom teacher came next in order.

Only one city (Chicago) sets a definite time-limit for a pupil's stay in the disciplinary class—one year. The range of length of stay runs from two weeks in San Diego to fifteen months in Newark; the mean length is seven and one-half months. Most of the cities permit the return of a pupil to the school from which he came, after his difficulties seem to have been overcome. If, however, the pupil's conduct fails to improve or grows worse in the disciplinary class, the prevailing practice is to refer him to the juvenile court for commitment to a parental school or a training school.

In order to study the characteristics of the pupils who make up their student bodies, most disciplinary-class teachers desire to have the following information concerning them, with the items arranged in order of preference: IQ's, home conditions, health records, chronological ages, attendance records, scholarship records, reasons for being sent to the disciplinary class, the mental ages, the strong and weak points of the pupils, and suggestions from the former principals.

Data were available on the IQ's of 1,655 pupils who had been sent to disciplinary classes between the opening of school in the fall of 1934 and April 30, 1935, and showed the following distribution:

	<i>Percent</i>
Above average (110 and above).....	5.2
Average (90 to 109).....	33.3
Dull-normal (80 to 89).....	32.2
Atypical (below 80).....	29.3
	<hr/> 100.0

The range in length of classroom instruction for members of disciplinary classes is from 240 minutes in San Diego to 450 minutes in Paterson, with a mean length of 297 minutes; a mean length of lunch period of 35 minutes; a mean length of recess period of 27 minutes; and a mean length of school day of 350 minutes.

The burden of enforcing attendance in disciplinary classes naturally falls upon attendance officers, but both Boston and Chicago use their classroom teachers to supplement this service so that they may acquire first-hand knowledge of the home conditions and background of their pupils.

The amount of time given to academic work in disciplinary classes ranges from 37.5 percent to 90 percent, with a mean of 58 percent, and to nonacademic work from 10 percent to 62.5 percent, with a mean of 42 percent. This seems to be in keeping with the recommendations of mental hygienists that more handwork and less bookwork be given to problem children.

More than half (10) of the eighteen cities studied in detail reported no prescribed qualifications for teachers of disciplinary classes, and one intimated consideration of that matter to be given at a later date. Seven require college work, mainly in the field of child study, mental hygiene, and methods of teaching.

Nine cities reported no preference as to the sex of teachers for disciplinary classes; four preferred men, and two, women; one preferred men for boys and women for girls; and the remaining two made no comment on this question. Seven cities reported finding it difficult to secure satisfactory men teachers and five did not. Philadelphia intimated that it found difficulty in finding satisfactory women teachers as well as men teachers.

Salaries for disciplinary-class teachers compare favorably with those paid to teachers in the regular schools. In general they exceed those paid to elementary-school and junior-high-school teachers but are somewhat less than those paid to (senior) high-school teachers. Jersey City and Newark pay the best salaries in all four fields. Of sixteen cities reporting on salaries, twelve indicated that their men and women teachers are paid the same salaries within their respective classifications.

Analysis of the characteristics of teacher personality which are considered to contribute most to successful work with disciplinary-class pupils shows these five traits as preeminent, arranged in rank order: sympathetic understanding of underprivileged-boys' problems; an even disposition, a quiet voice, emotional stability, and self-control; patience and kindness; a sense of humor; and personality.

Those characteristics which are judged to interfere most seriously with teaching success are, as one may expect, in general the opposites of those contributing to successful teaching: lack of understanding of boys' problems; grouching, irritability, impatience, and nagging; lack of sympathy for that type of child; and failure to understand the best educational methods of handling disciplinary-problem children.

From a detailed study of programs offered by the cities included in this survey it seems to the writer that Baltimore, Milwaukee, and Providence have an outstanding organization of the entire school system to prevent disciplinary problems from arising, and that Cleveland, Chicago, and Boston have the well-organized separate schools to handle the already-created problems. Detroit and Newark appear to be doing outstanding work in child-guidance clinics.

To bring about a reorganization in the methods of handling disciplinary-problem cases in Washington, D. C., the writer offers seven constructive suggestions, as follows:

1. A change in the emphasis underlying the administration of all disciplinary cases to one of prevention first, rather than of correction or reform.

2. Development of shop centers in neighborhood schools for both boys and girls; and setting-up of two occupational schools for boys and two for girls, and the establishment of a general-vocational school for boys and another for girls.

3. Securing *competent* teachers as faculties of these centers and special schools. The word "competent" contains the key to the success or failure of these institutions. By it is meant not only adequate knowledge of the subject-matter to be taught but also, of even greater importance, a genuine liking for pupils of the type to be found in such schools and an ability to get along with them and get the maximum mental and manual accomplishment out of them during each school day.

4. Enlargement of the existing research and testing division by the inclusion of at least one psychiatrist, another psychologist, and additional members of the testing unit to provide adequate examinations of the children in the public schools, with particular attention to the prospective and incipient problem cases.

5. The adoption of suitable courses of study for each of the three levels of instruction (shop centers, and occupational and general vocational schools) for both boys and girls, with less emphasis on the academic and more on the hand work.

6. The promulgation of a rule by the Board of Education to remove from the rolls of all junior high schools and senior high schools those pupils over 16 who fail in two major subjects after they and their parents have been warned of the impending failures and have refused to abide by the advice of those in charge to transfer to types of schools offering instruction more adapted to their particular needs.

7. The appointment of counselors in the junior high schools and senior high schools for every 500 students, whose duty it shall be to give educational and vocational guidance and to be especially on the alert to observe pupils who are having difficulties in social or scholastic adjustment (or both).

A survey of contemporary European practices in disciplinary classes offers certain suggestive procedures. In England and Wales the provision for the treatment of disciplinary cases has been linked with that for juvenile delinquency and the entire matter considered as a national rather than a local problem. Through successive acts of Parliament, known finally in 1933 as the Children and Young Persons Act, provision has been made for reform and industrial schools. The latter are to take care of children without homes or caught begging, without the right kind of guardianship, those living with undesirable persons (thieves or prostitutes), those who steal, and habitual truants. The former are to care for youngsters between 12 and 16 who have been convicted of offenses which, in the case of adults, would result in imprisonment. In 1933, the upper age-limit was raised to 17 years; and these reform and industrial schools have been renamed as Approved or Home Office Schools.

An excellent system of probation for children released from these schools is provided under the law; and many, by virtue of the kind of training received in these institutions, are able to obtain suitable employment upon their release.

The Children and Young Persons Act of 1932 in Scotland parallels closely the English act of that year (which was consolidated with the Children Act of 1908 and the new act in 1933) and prescribes substantially the same methods of handling problem cases and juvenile delinquency.

France, because of its highly centralized type of school system, with its naturally heavy disciplinary control of all school children, has comparatively little trouble with its "enfants difficiles"; but provision has been made in every department (a geographical subdivision for administrative purposes) for schools to care for boys and girls who are public wards and whose conduct makes their segregation from their fellows necessary. Unruly children, misbehaving at home or in school, and young primary delinquents are now being sent to these schools for "pupilles de l'Assistance Publique."

Berlin does not have separate disciplinary classes. For some years, however, there has been felt a need for doing something for the maladjusted child toward making him educable and a useful member of society. With this in mind, certain educational classes were formed to which pupils might be sent *after* they had gone through the Public Schools.

It has recently been recognized that this was not enough, and that after a troublesome child had been through the Public Schools it was usually too late to "save him for society"; it was felt that the problem case should be handled scientifically at its inception. Four years ago Berlin began to segregate its disciplinary-problem or maladjusted children into separate classes of not more than twelve, within the regular school buildings, and under the most competent teachers available—teachers with a natural psychological ability and with an understanding of and interest in such children. These teachers cooperate freely with the homes and public and private institutions.

The favorable results already accomplished in saving these problem cases from becoming charges on "Welfare Education" (50 percent) have amply justified the experiment from educational, ethical, and economical points of view.

THE SUMMER SESSIONS
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CALENDAR OF THE SUMMER SESSIONS

1935

Date	Days	Occasion
May 20-June 1.	Monday to Saturday, both dates inclusive	Preregistration period for all courses in the Summer Sessions
June 10.....	Monday.....	Registration day for all courses in the Summer Sessions, 9 a.m. to 8 p.m. Instruction begins in the nine weeks' term and in the first term of the Law School
June 11.....	Tuesday.....	Late-registration fee (\$5) is charged for all registrations in the nine weeks' term and in the first term of the Law School
June 17.....	Monday.....	Last day on which late registration is permitted for the nine weeks' term and for the first term of the Law School
July 1.....	Monday.....	Registration day for the six weeks' term in all Schools and Divisions except the Law School, 9 a.m. to 6 p.m. Instruction begins in the six weeks' term
July 2.....	Tuesday.....	Late-registration fee (\$5) is charged for all registrations in the six weeks' term
July 4.....	Thursday.....	Holiday
July 6.....	Saturday.....	All classes scheduled for July 4 meet at regular hours
July 8.....	Monday.....	Last day on which late registration is permitted for the six weeks' term
July 23-24	Tuesday and Wednes- day	Registration period for the second term of the Law School
July 24	Wednesday.....	First term of the Law School ends
July 25.....	Thursday.....	Second term of the Law School begins
July 26.....	Friday.....	Late-registration fee (\$5) is charged for all registrations in the second term of the Law School
August 1.....	Thursday.....	Last day on which late registration is permitted for the second term of the Law School
August 9.....	Friday.....	Six weeks' term and nine weeks' term end in all Schools and Divisions except the Law School
September 2....	Monday.....	Holiday
September 7....	Saturday.....	Second term of the Law School ends

SUMMER STUDY IN WASHINGTON

SUMMER STUDY IN WASHINGTON

The Summer Sessions offer an opportunity to continue University work during the summer period. The educational value of a term of study in the Capital of the Nation is of great importance. It forms a background for both intelligent and appreciative citizenship. History, political science, economics, literature, and current events are all vivified by a first-hand knowledge of our national institutions and traditions. The schedule of classes will give the student ample time to visit the great libraries and laboratories of the Capital, and to observe the Departments and Bureaus of the Government in operation. The many educational and scientific organizations with central offices and exhibits situated in Washington are accessible to students whose special interests draw on such resources. Excursions will be arranged to the many places of beauty and historic association in nearby Virginia and Maryland.

The National Capital stands in a region distinguished by the personal activities of George Washington, and in this area our national traditions were first expressed. A short distance down the Potomac River is Mount Vernon, the home of Washington and the place most intimately associated with his career. The nearest town, Alexandria, is extremely rich in its associations with the First President and with early American history. Directly across the Potomac from Washington are the hills of Arlington, the home of Martha Washington. The present Arlington mansion, built by Washington's adopted son, was the residence of General Robert E. Lee when he resigned from the army to assume charge of the Confederate forces at Richmond. Old historic Georgetown, now a part of the District of Columbia, has many memories of General Washington. It was in this village that he met local landowners and arranged for the purchase of land for the District of Columbia. Georgetown was the headquarters of Washington and Major L'Enfant when they supervised the work of the surveyors laying out the Capital of the Nation.

The city of Washington, situated on the east bank of the Potomac, with its many parks and shaded boulevards, has the reputation of being the most beautiful city in America. The monumental classic buildings which house the Departments of the Government, the elegant dignity of the White House, and the grandeur of the Capital dominate a city of handsome residences and wide avenues. The notable monuments, the parks and wooded drives contribute to an atmosphere of distinction expressive of the best spirit of our national life.

The Government has been likened to a great university offering special opportunity in the study of governmental administration, diplomacy, the practical application of our constitutional principles, the administration of law, and of political affairs generally. Bureaus, experimental

stations, laboratories, museums, and observatories involve every science, and thousands of eminent specialists give to the Nation the results of study and research in a multitude of reports. Realizing the unique educational value of such activities, the Congress resolved "that the facilities for research and illustration in any governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible . . . to the scientific investigators and to students of any institution of higher education now incorporated . . . under the laws of Congress."

The Library of Congress is the greatest of our national institutions in its relation to research and learning. Its large collections include the rarest historical documents and publications; its unique manuscripts and records make up the richest body of source material bearing on the history of our Nation. It contains practically every book printed in America, as well as the most prized of foreign publications. The new Folger Shakespeare Library and special collections in other museums and institutions supplement the Library of Congress in placing Washington foremost as a center of research. The Government's broad educational program centers in the Office of Education, which advises with State, county, and urban school officers as to the administration and improvement of schools, and brings to teachers the results of national experiment and experience. The Bureau of Standards, a unique scientific laboratory, with its large staff of experts, conducts special investigations in the interests of science and technical subjects. The Smithsonian Institution, with its International Exchange Service, distributes a vast accumulation of scientific data and information. The National Museum, with many millions of specimens, is a vast organized collection of the ideas and works of man, illustrating how his simple arts and early beliefs developed into our modern complex culture.

In addition to these Federal institutions which contribute so largely to Washington as a center of learning, there are many other converging forces to make it the focus of educational, intellectual, and cultural achievement. Scientific and educational groups such as the Carnegie Institution of Washington, the American Council on Education, the National Academy of Sciences, the National Research Council, the National Education Association, and the National Geographic Society, with many others, are situated here. Many art galleries, such as the National, the Corcoran, and the Freer, with their priceless collections, are accessible to the student of Fine Arts. And with the increasing importance of the United States in world affairs, Washington also has become the crossroads of international life, in contact with old-world cultures and an internationally recognized center of influence. International groups, such as the Pan American Union and the Carnegie Institution for the Advancement of Peace, have made Washington their headquarters. The embassies

and legations of foreign countries, with their staffs of diplomatic experts and assistants, also contribute largely to the international aspect of life in the Capital of the Nation.

Washington has become an ideal university city. In such an atmosphere it is not strange that many institutions of higher learning have developed. As early as 1791 Georgetown University opened its doors to students, and in its long history under the jurisdiction of the Jesuit Order it has grown into an institution of importance. Under the patronage of the Methodist Episcopal Church is American University, with its newly developed campus on the outskirts of the city. In Washington is situated the Catholic University of America, authorized by Pope Leo XIII in 1889 and supported by the Roman Catholic Church. Here also is The George Washington University, a nonsectarian university, which was founded in 1821.

Not only have these institutions derived stimulation from the presence of the other cultural influences in the Capital, but, reciprocally, the scholars of their faculties and the body of students in all branches of university work are contributing no small amount of influence to Washington as a seat of learning.

THE SUMMER SESSIONS

The Summer Sessions of 1935 of The George Washington University will present a full program of academic and professional courses. In addition, special curricula have been prepared in the School of Education and the School of Government. A large number of the regular members of the University Faculty will teach during the summer, and distinguished specialists from the Departments of the United States Government and from national economic and educational organizations have been added to the staff.

The Summer Sessions will be held as follows: nine weeks' term, June 10 to August 9; six weeks' term, July 1 to August 9. In the Law School the first term will be from June 10 to July 24, and the second term from July 25 to September 7.

Courses will be offered in the Junior College, Columbian College (the Senior College), the Law School, the School of Education, the School of Government, the Division of University Students, and the Division of Library Science. Students in the School of Engineering and in the Division of Fine Arts will have the opportunity to take many of their elective and required courses in the Junior College and Columbian College curricula.

ACADEMIC CREDIT

The Summer Sessions are an integral part of the University. Since the courses offered are the equivalent of the corresponding courses offered in the regular terms, academic credit for the completed work will be given toward the appropriate degrees in the various Schools and Divisions of the University.

The general catalogue should be consulted for information concerning regulations and requirements which apply to the various Colleges, Schools, and Divisions of the University.

MAXIMUM OF CREDIT

In general no student may take more than three courses, aggregating nine semester-hours of credit; no employed student may take more than two courses, aggregating six semester-hours of credit.

Students registered only during the six weeks' term may take not more than three courses, aggregating six semester-hours of credit; employed students in the six weeks' term may take not more than two courses, aggregating four semester-hours of credit.

Students in the Law School may obtain a maximum of four semester-hours of credit in each term.

Any exceptions to these general regulations must be made by the Dean of the School or College concerned.

STUDENT LIFE

Provision is made for the social and recreational side of student life during the Summer Sessions. The University receptions and dances are annual events, and special summer editions of the student newspaper are issued. The University's athletic facilities and equipment are available to summer students. Tours and excursions to places of interest, under the direction of competent guides, will be organized for out-of-town students. The numerous parks and golf courses of Washington, the riding trails, water sports on the Potomac and at nearby beaches, all offer a wide choice of outdoor recreation.

The University fee entitles all students in attendance to medical advice and treatment from the office of the University Physician.

A series of University lectures upon themes of contemporary interest by men distinguished in various phases of our modern life will be given during the Sessions.

CLUB PRIVILEGES

For the benefit of out-of-town students, summer privileges (subject to certain limitations) have been granted by the Washington Branch of the American Association of University Women and by the University Club of Washington. Under this arrangement many students may enjoy the use of these club houses and contact with the membership by applying to the Dean of the Summer Sessions.

LIVING QUARTERS AND COSTS

The University has no dormitories. For the benefit of out-of-town students the Residence Bureau maintains a list of rooms and apartments near the University. Single rooms usually cost from \$15 to \$25 a month, and double rooms, from \$10 to \$20 a month a person. Rooms with board, including breakfast and dinner, cost from \$35 to \$40 a month a person.

REDUCED RAILROAD FARES

In certain regions of the country the railroads offer reduced fares for students attending the Summer Sessions. Information and appropriate certificates concerning these reductions may be had from the Office of the Dean of the Summer Sessions.

UNIVERSITY REGULATIONS

The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty deems it advisable to do so.

The University is not responsible for the loss of personal property belonging to students in any University building.

The University and its various Colleges, Schools, and Divisions reserve the right to modify or change the requirements, rules, and fees of the University. Such regulations shall go into force whenever the proper authorities may determine and shall apply to all students of the University.

SPECIAL CURRICULA FOR 1935

Because of its situation, The George Washington University is in a position to organize certain types of academic work which profit especially by the resources of the Departments of the Federal Government and other institutions in the National Capital. In addition to a full program of regular courses in academic and professional divisions of the University, two special curricula are offered by the School of Government and the School of Education.

THE SCHOOL OF GOVERNMENT

The School of Government presents a wide variety of courses in History, Economics, and Political Science. In all these courses the application of the material to the recent developments of the Federal Government is stressed.

SEMINAR-CONFERENCE ON HISPANIC-AMERICAN AFFAIRS

Under the Center of Inter-American Studies the special attention which has been given to the important field of Hispanic-American affairs will be continued in a fourth seminar-conference to be held this summer. The emphasis this year is centralized on the study of colonial Hispanic-American origins and their present influences. This seminar-conference offers to its members an exceptional opportunity to come into intimate contact with leading authorities in the field, and the course has been so arranged that mutual views and opinions can be exchanged with maximum facility and answers to perplexing questions can be found.

The lectures in the seminar-conference will be given by distinguished experts from other institutions. Dr. James A. Robertson, editor of the *Hispanic American Historical Review*, will direct the discussions of a visiting staff of about ten specialists from the leading centers of Hispanic-American scholarship. A list of these speakers will be found on page 17.

The conference will meet two hours daily (from 9.40 to 11.30 a.m.), five times a week, for six weeks, beginning July 1. The first portion of each period will be devoted to lectures and the last portion to informal discussion. Each student will be provided with reading references in the nature of detailed bibliographies covering the subject of each lecture. During the course each student will undertake a special research project, and at the conclusion of the conference a comprehensive examination will be held. Each student satisfactorily passing the course will be given four academic credits in either History or Political Science.

The course is in charge of Dr. A. Curtis Wilgus, Associate Professor of Hispanic-American History and Director of the Center of Inter-American

Studies in The George Washington University. All students desiring to join the seminar-conference should communicate with Professor Wilgus in advance of registration. See also page 56.

THE SCHOOL OF EDUCATION

A full program of regular courses will be offered by members of the Faculty of the School of Education. In addition to members of the regular staff, Dr. John T. Wahlquist, of the Department of Education of the University of Utah, will give special courses in the High School and the Junior High School. To meet the growing interest in the problems of character education, Dr. Mitchell Dreese, Associate Professor of Educational Psychology in The George Washington University, will present a special course in the Psychology of Character, in addition to the standard courses in Educational Psychology. Additional information concerning the program in the School of Education may be obtained from Dean William Carl Ruediger, of the School of Education.

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- Lowell Joseph Ragatz, Ph.D., *Associate Professor of History.*
- Gretchen Louisa Rogers, A.M., *Instructor in German.*
- William Carl Ruediger, Ph.D., *Professor of Education.*
- Henry A. Rutherford, Jr., B.S., *Assistant in Chemistry.*
- Raymond John Seeger, Ph.D., *Assistant Professor of Physics.*
- Edward Henry Sehrt, Ph.D., *Professor of German.*
- Audley Lawrence Smith, A.M., *Assistant Professor of English.*
- Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law.*
- Harold Griffith Sutton, M.S., *Associate Professor of Finance.*
- James Henry Taylor, Ph.D., *Professor of Mathematics.*
- Robert Ladd Thorndike, A.M., *Instructor in Psychology.*
- John Albert Tillema, Ph.D., LL.M., S.J.D., *Associate Professor of Political Science.*
- William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law.*
- John T. Wahlquist, Ph.D., *University of Utah, Visiting Associate Professor of Education.*
- Leonard Patrick Walsh, A.B., *Instructor in Physical Education for Men.*
- Wyllis Eaton Wright, A.M., B.S. in L.S., *Instructor in Library Science.*

SPECIAL LECTURERS FOR THE SEMINAR-CONFERENCE
ON HISPANIC-AMERICAN AFFAIRS

- Arthur S. Aiton, Ph.D., *University of Michigan.*
- Lillian Fisher, Ph.D., *Oklahoma College for Women.*
- Alfred L. Hasbrouck, Ph.D., *Washington, D.C.*
- Roland D. Hussey, Ph.D., *University of California at Los Angeles.*
- Cecil Knight Jones, B.Litt., *The George Washington University.*
- Clarence Fielden Jones, Ph.D., *Clark University.*
- John Tate Lanning, Ph.D., *Duke University.*
- Irving A. Leonard, Ph.D., *University of California at Berkeley.*
- Marie Madden, Ph.D., *Fordham University.*
- Philip Ainsworth Means, Ph.D., *Pomfret, Conn.*
- J. Lloyd Mecham, Ph.D., *University of Texas.*
- James Alexander Robertson, L.H.D., Editor, *"The Hispanic American Historical Review".*

THE UNIVERSITY

The idea of a university located in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

The George Washington University is the successor of Columbian College in the District of Columbia, which was chartered by an act of Congress of February 9, 1821. In 1873 the name was changed to "Columbian University" and in 1904 to "The George Washington University".

In 1930 a new plan of academic organization was effected, resembling in principle the master-apprentice relation of the old guild system. The University as it is now organized consists of the Junior College, comprising the work of the freshman and sophomore years; a Senior College, known as "Columbian College", which awards the Bachelor's and Master's degrees; a Council for Graduate Study; the professional Schools and Divisions, which include Medicine, Law, Engineering, Pharmacy, Education, Government, Library Science, and Fine Arts; the Division of University Students; the Center of Inter-American Studies; and the Summer Sessions.

The George Washington University is located in the heart of the city of Washington, a short distance from the Potomac River and the Mall. Within a few blocks are the White House and the offices of many of the Departments of the Government, including the Department of State, the Treasury Department, the War Department, the Navy Department, the Department of Justice, the Department of the Interior, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also nearby; and the Capitol and the Library of Congress can be reached by street car in twenty minutes from any of the University buildings.

EDUCATIONAL FACILITIES

Buildings, grounds, and equipment of the University are valued at \$3,500,000. The buildings of the Colleges, Schools, and Divisions offering Summer Sessions work are located in the vicinity of Twenty-first and G Streets NW.

THE UNIVERSITY LIBRARY

The University Library, which comprises the General Library, the various divisional, departmental, and seminar libraries, the Medical Library, and the Law Library, contains more than 100,000 volumes.

The General Library includes, in addition to the general collection, the library of the late Professor Richard Heinzel, of the University of Vienna, which contains 7,200 books and pamphlets in Germanic philology and literature and cognate branches; the library of the late Professor Curt Wachsmuth, of the University of Leipzig, which contains 7,900 books and pamphlets in Greek and Roman literature, archeology, and history; the Mount Vernon Alcove, which contains 4,000 volumes in political history, international law, and the social sciences; a representative collection of Spanish-American books, the gift of the Governments of Hispanic America; the Chauncey Mitchell Depew Public Speaking Library of approximately 500 volumes, the gift of Mrs. Chauncey M. Depew; and the library of the Division of Fine Arts, which contains over 2,000 volumes, mainly on architecture, and the Russell Sturgis collection of 7,500 mounted photographs. About 1,000 of these latter volumes constitute a collection made available by the American Institute of Architects, to whom the library is always accessible.

The General Library, in Lisner Hall, Building K, 2023 G Street, is open from 8.30 a.m. to 9.30 p.m. Monday to Friday, and from 10 a.m. to 2 p.m. on Saturday.

The Law Library, in Stockton Hall, Building U, 720 Twentieth Street, is open from 10 a.m. to 10 p.m. Monday to Friday, and from 1 to 5 p.m. on Saturday.

OTHER LIBRARY FACILITIES

Students have access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Carnegie Endowment for International Peace; the Library of the Pan American Union; the Library of the Bureau of Railway Economics; the Library of the United States Department of Agriculture, with its scientific departmental collections; the Library of the United States Office of Education; the Army Medical Library; the Library of the Smithsonian Institution; and many of the other great special collections of the Government Departments.

GOVERNMENTAL INSTITUTIONS ACCESSIBLE TO STUDENTS

In order to promote research and the diffusion of knowledge, the Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, That the facilities for research and illustration in the following and any other Governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

- One. Of the Library of Congress.
- Two. Of the National Museum.
- Three. Of the Patent Office.
- Four. Of the Bureau of Education.
- Five. Of the Bureau of Ethnology.
- Six. Of the Army Medical Museum.
- Seven. Of the Department of Agriculture.
- Eight. Of the Fish Commission.
- Nine. Of the Botanic Gardens.
- Ten. Of the Coast and Geodetic Survey.
- Eleven. Of the Geological Survey.
- Twelve. Of the Naval Observatory.

ADMISSION

The courses given in the Summer Sessions offer opportunities to qualified students of two distinct classes: *first*, persons interested in special subjects who do not desire credits for degrees from The George Washington University, and students of other institutions; *secondly*, students who have already matriculated, and new students who plan to work toward degrees in this institution.

I. ENTRANCE PROCEDURE FOR STUDENTS NOT SEEKING DEGREES

Interested persons should file with the Director of Admissions an application blank obtainable at the Office of Admissions, 2033 G Street NW. Such students will be admitted only to those courses for which they have adequate preparation and for which the approval of the instructor is obtained. Students in this group will register in the Division of University Students.

II. ENTRANCE REQUIREMENTS FOR STUDENTS SEEKING DEGREES

The requirement for admission to the freshman class of the Junior College (which prepares for the professional Schools) and of the School of Engineering is a certificate of graduation from an accredited four-year high-school course, amounting to at least fifteen "units". For admission to the School of Engineering or to the premedical curriculum in the Junior College, these units must be distributed as specified in the general catalogue of the University.

The quality of work done must be satisfactory. A graduate of a school regionally accredited must rank in the upper four fifths of his class; a graduate of a school State accredited only, must rank in the upper two fifths of his class. Transfer students, in order to be admitted, must likewise rank well in the accredited institution previously attended.

Further information regarding requirements for admission, and regarding entrance examinations, may be found in the general catalogue of the University.

SPECIAL INSTRUCTIONS TO STUDENTS SEEKING DEGREES

1. Prospective students should write to the Director of Admissions, The George Washington University, for an application blank, which should be filled out carefully and *returned at once*. All questions must be answered, and the Division to which admission is desired should be checked. Although this application does not bind the individual to attend the University, it gives important information and saves time during the student's registration procedure.

2. A student entering The George Washington University for the first time, and expecting to become a candidate for a degree here, should see that a transcript of his record from each institution of higher learning previously attended, is forwarded direct to this University.

Applicants for the premedical curriculum must have their high-school records sent in upon the University form, in addition to any other transcripts.

Students who have graduated from high school only should ask the Director of Admissions to mail them a special high-school-record form, which the student will then forward to his principal.

3. In order that credentials may be considered and the decision reported without delay, students are urged to file both application and record or records immediately upon deciding to apply for admission.

REGISTRATION

Before a student may be admitted to registration he must have satisfied the Admissions Office that he is qualified for entrance to the University (see "Admission", pages 21-22).

TIME AND PLACE OF REGISTRATION

Registration for the nine weeks' term in the Junior College, Columbian College, the School of Education, the School of Government, the Division of University Students, the Division of Library Science, and the Division of Fine Arts will be held on Monday, June 10. Registration will be conducted in Corcoran Hall, 725 Twenty-first Street NW., from 9 a.m. to 8 p.m. Registration for the six weeks' term in these Schools and Divisions will be held on Monday, July 1. Registration for the first term in the Law School will be conducted in Stockton Hall on Monday, June 10. Registration for the second term in the Law School will be held on Tuesday and Wednesday, July 23 and 24.

REGISTRATION PROCEDURE

Instructions for registration will be issued to each student at the time of registration. A student who has previously matriculated in the University but who has not been in attendance during the semester prior to registration, should file an application blank in advance of registration.

LATE REGISTRATION

For registration after June 11 in the nine weeks' term, and after July 2 in the six weeks' term, a late-registration fee of \$5 will be charged. Registration in all courses for credit closes on June 17 for the nine weeks' term and on July 8 for the six weeks' term.

CHANGE IN REGISTRATION

Application for a change in registration should be filed in the office of the Dean or Director of the School or Division. Change may be made only with the permission of the adviser or major professor and the Dean of the School or Director of the Division concerned. A fee of \$2 is charged for each change in program after the last day of regular registration (see "Time and Place of Registration", above).

FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted, effective at the beginning of the Summer Sessions of 1935:

UNIVERSITY FEE
For the Summer Sessions..... \$4.00

TUITION FEES
In the Junior College, Columbian College, the Law School, the School of Engineering, the School of Education, the School of Government, the Division of University Students, the Division of Library Science, and the Division of Fine Arts, for each semester-hour credit of courses taken..... 8.00

EXAMINATION FEES
For examinations to qualify for advanced courses, and for all special examinations, for each subject..... 5.00

SPECIAL FEES
Late-registration fee, charged all students who fail to register within the designated period..... 5.00
Reinstatement fee, charged students who are reinstated after suspension for delinquency in fees..... 5.00
Change fee, for each change in program after registration..... 2.00

LABORATORY FEES AND DEPOSITS

Fees are charged in each course listed below as indicated. Material fees are charged by the term and may be paid in instalments when the tuition is paid in this manner. Breakage deposits are due in full at the time of registration. Breakage of apparatus is charged against the individual student, and the amount paid in excess of breakage will be returned at the end of the Sessions.

CHEMISTRY
Material fee:
Chemistry 11, 12..... 9.00
Chemistry 41, 42..... 12.00
Breakage deposit for one or more of the above courses..... 10.00
In case the student's breakage totals more than this amount, he will be required to make an additional deposit.

LIBRARY SCIENCE
Material fee:
Library Science 102, payable in advance..... 1.00

PHYSICS
Material fee:
Physics 12, 13..... 4.50

ZOOLOGY
Material fee:
Zoology 1, 2..... 4.50
Zoology 105..... 6.00

PAYMENT OF FEES

All fees are payable at the Office of the Comptroller, 2033 G Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. All fees are due in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, students registering for more than three semester-hours may sign contracts for their charges, except the University fee and deposits, permitting instalment payments as follows: (1) for the nine weeks' term, one third, plus the University fee and deposits, at the time of registration, one third on July 1, and one third on July 15; (2) for the six weeks' term, one half, plus the University fee and deposits, at the time of registration, and one half on July 15; (3) for the first term of the Law School, one half, plus the University fee, at the time of registration; and one half on July 1; (4) for the second term of the Law School, one half, plus the University fee, at the time of registration, and one half on August 15. Students registering for three hours or less are not privileged to sign contracts for instalment payments.

Students whose fees are not paid in full two school days after the final date mentioned, will be suspended and may not attend classes until they have paid all accrued fees, a reinstatement fee of \$5, and have been officially reinstated. A suspended student may not be reinstated for the session after one week from the date of suspension. Applications for reinstatement are to be made to the Dean of the School or Director of the Division in which the student is registered.

No student may register in any department of the University who owes fees in any other department of the University.

Auditors pay all fees chargeable to students registered for credit except the late-registration fee.

High-school and other scholarships do not apply to work taken during the Summer Sessions.

WITHDRAWALS AND REFUNDS

Applications for withdrawal from the University or for changes in schedule must be made in person or in writing to the Dean of the School or the Director of the Division in which the student is registered. Notification to an instructor is not an acceptable notice.

Registrations in the Law School are for the term, and no refunds or rebates will be allowed on withdrawals.

In authorized withdrawals and changes in schedules in all other Schools and Divisions, financial adjustments will be made on the principle of instalment payments, the student being held responsible for all charges for courses for which he has registered until notice of withdrawal is received by the Dean or Director.

In no case will any part of an initial instalment of tuition be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

Any student in Chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, shall forfeit the balance of his deposit. Students dropping a course before the end of the term are urged to check out at once.

No permission to withdraw and no certificate of work done will be given a student who has not a clear financial record.

As the fiscal year of the University ends on August 31, no requests for refunds can receive consideration after that date.

THE COLLEGES, SCHOOLS, AND DIVISIONS

THE JUNIOR COLLEGE

INTRODUCTORY

The Junior College includes the first two years of college work. Its curriculum is intended to continue the studies of a general cultural nature begun in the secondary schools, and to lay a foundation for the more specialized work which is to follow. During the freshman and sophomore years emphasis is accordingly laid (1) upon the social, cultural, biological, and physical background of civilization (history, political science, physical and biological sciences, literature, etc.) and (2) upon the discipline necessary to the effective prosecution of more advanced work (English rhetoric and composition, foreign languages, mathematics, etc.).

The Junior College also provides the preprofessional work required for admission to the Schools of Law, Medicine, Pharmacy, Education, and Government, and the Divisions of Library Science and Fine Arts.

In addition, it provides two two-year curricula, leading to the Junior Certificate, which are intended to meet the needs of students who do not look forward to a four-year college course.

ADVISORY SYSTEM

In order that students may have abundant opportunities, not only for assistance in planning their courses of study, but also for personal, educational, and vocational advice in every phase of their academic work during the first two years, a number of members of the Faculty serve as members of the Board of Advisers to Junior College students. Incoming students will be assigned to advisers at the time of registration and will be required to consult them at least once during the summer. Students on probation and "warned" students are required to consult their respective advisers at such stated intervals as the Dean or adviser may direct. (See regulations on scholarship in the general catalogue, and "warnings", below.) All students are, however, encouraged to consult their advisers about their college problems at any time, irrespective of these requirements. Students are expected to consult with the same advisers throughout their freshman and sophomore years, it being understood that these members of the Faculty act in the capacity of general educational advisers rather than as representatives of their respective departments of instruction.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 21-22.

THE CERTIFICATE OF JUNIOR STANDING

Upon the satisfactory completion of the requirements of the Junior College, a Certificate of Junior Standing is granted. This certificate is required for admission to the junior class of Columbian College and to the professional Schools which require two years of preprofessional work.

REQUIREMENTS FOR THE CERTIFICATE

To be recommended for a certificate, a student must satisfy the admission, residence, scholarship, and curriculum requirements. The curriculum requirements include at least sixty-four semester-hours of credit. A semester-hour of credit is one recitation or lecture a week or one laboratory period a week for one semester. For further information, see the Junior College announcement in the general catalogue.

The scholarship requirements, as stated in detail in the general catalogue, are in effect during the Summer Sessions.

WARNINGS

At stated intervals during the Summer Sessions instructors shall file in the Office of the Registrar the names of those students who are doing work of *D* grade or lower. These "warnings" shall be transmitted to the students concerned and copies forwarded to their respective advisers. A warning constitutes notice to the student that he must consult his adviser within a reasonable time and in any case not later than two weeks after receipt of the warning.

"Warning periods" during the Summer Sessions are established as follows: six-week courses, third to fourth week; nine-week courses, fourth to fifth week.

COURSES OF INSTRUCTION

Junior College students may not take second-group courses (courses numbered 101-200) without the written permission of the instructor and of the Dean of the Junior College. A student will not be permitted to postpone a first-group course, required under the curriculum for which he is registered, in order to take a second-group course for elective credit. The principle that first-group courses must be taken in the Junior College years and advanced courses in the Senior College and the professional Schools, will be rigidly adhered to in approving student programs.

COLUMBIAN COLLEGE

ADMISSION

Applicants for admission to Columbia College having the intention of becoming candidates for the degrees of Bachelor of Arts or Bachelor of Science must present a certificate of Junior Standing, based on the appropriate curriculum of the Junior College, or its equivalent.

Applicants for admission to Columbia College having the intention of becoming candidates for the degree of Master of Arts must present a baccalaureate degree from an accredited institution and a transcript of studies previously pursued.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of Columbia College, the degree of Bachelor of Arts or Bachelor of Science is conferred.

In conjunction with the professional curricula the following combined curricula are offered: a six-year curriculum leading to the degrees of Bachelor of Arts and Bachelor of Laws, and a seven-year curriculum leading to the degrees of Bachelor of Arts and Doctor of Medicine.

REQUIREMENTS FOR THE DEGREES

To be recommended for a baccalaureate degree a student must satisfy the admission, residence, scholarship, and curriculum requirements.

A minimum of one year, or thirty semester-hours, must be completed in residence. Summer Sessions work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the Dean to pursue work elsewhere, the work of the senior or final year must be completed in residence.

The scholarship requirements, as stated in detail in the general catalogue, are in effect during the Summer Sessions.

CURRICULUM REQUIREMENTS

Every candidate for graduation must satisfy one of the four curricula listed below leading to the degree of Bachelor of Arts or Bachelor of Science. The curriculum requirements include at least sixty semester-hours of credit beyond that of the Junior College.

In the case of curricula B-I, B-II-a, and B-II-b in Columbia College, the requirements for the major in the several departments of instruction are stated in the general catalogue immediately preceding the announce-

ment of courses offered. The first year of Law or Medicine satisfies the requirements for the major in the combined Arts and Law and Arts and Medicine curricula respectively.

Students are required to select and file with the Registrar a choice of a major upon entering Columbian College. Students may change the major only with the consent of the Dean and the executive officers of the departments concerned.

BACHELOR OF ARTS

B-I.* *General Curriculum.*—The work of the junior and senior years, including a major, must be approved by the major department and the Dean.

D.* *Combined Curriculum: Bachelor of Arts and Bachelor of Laws.*—This curriculum contemplates three years of collegiate study and three years in The George Washington University Law School.

I.* *Combined Curriculum: Bachelor of Arts and Doctor of Medicine.*—This curriculum contemplates three years of collegiate study and four years in The George Washington University School of Medicine.

Students wishing to avail themselves of the opportunity offered by these combined curricula must obtain the approval of the Dean of Columbian College at the time of entering the professional School. Upon the completion of the first year of the regular curriculum in the professional School, and upon the recommendation of its Dean, the degree of Bachelor of Arts will be conferred.

BACHELOR OF SCIENCE

The work of the junior and senior years, including a major in one of the six sciences mentioned below, must be approved by the major department and the Dean.

B-II-a.* *Botany, Geology, and Zoology Curriculum.*—Geology 21-22 must be taken if not elected earlier.

B-II-b.* *Chemistry, Mathematics, and Physics Curriculum.*—If Botany has been elected earlier, Geology 21-22 or Zoology 1-2 must be taken. If Geology has been elected earlier, either Botany 1-2 or Zoology 1-2 must be taken.

THE MASTER OF ARTS DEGREE

Upon the satisfactory completion of the graduate requirements of Columbian College, the degree of Master of Arts is conferred.

*See the table of the Junior College curricula in the general catalogue of the University, facing pages 90-91.

CANDIDACY

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the major department and the Dean. This application is made on a form obtained at the Office of the Registrar, and such application must be approved before the student begins the last fifteen hours of work for the Master's degree. Also before being admitted to candidacy the student must show a reading knowledge (certified by the appropriate language department) of at least one modern foreign language to be selected by the major department. Examinations in modern foreign languages will be given between September 24 and 30, February 10 and 16, and July 10 and 16.

REQUIREMENTS FOR THE DEGREE

Candidates for the degree of Master of Arts must complete successfully a minimum of thirty semester-hours of work forming a consistent plan of study, of which at least eighteen semester-hours must be in the major subject. Not more than twelve semester-hours may be taken in another School or Division of the University, and such work may not be counted toward both a degree in that School or Division and the Master's degree in Columbian College. A thesis, counting six semester-hours of the above thirty semester-hours, may or may not be required at the discretion of the major department.

Advanced work in other institutions of learning may be credited toward the Master's degree to the extent of not more than six semester-hours upon presentation of detailed certificates of the work for which credit is sought. However, if such work in other institutions is done during the student's period of residence in The George Washington University, it will not be so counted unless the student has obtained the written permission of his major department *before* entering upon such work. Such allowance of credit will be at the discretion of the Committee on Admission and Advanced Standing.

Work completed here, or elsewhere, more than three years prior to registration for the Master's degree, will be counted only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

Courses may be elected from one, two, or three departments with the approval of the major department. The program of study must include at least twelve semester-hours of third-group courses (numbered above 200), exclusive of the thesis, unless the major department gives written permission to count less.

Second-group courses (numbered 101-200) may be counted toward the Master's degree only when registration for advanced credit has been approved at the beginning of the course by the Dean of Columbian College and by the officer of instruction, and provided that the student shall have

done such extra work in the courses as may be prescribed by the department concerned. No work counted toward a baccalaureate degree may be counted toward a Master's degree.

In addition to the course examinations, candidates must pass a general final examination on the major subject. The examination may be either oral or written, or both.

A minimum of one year must be completed in residence. Summer Sessions work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Unless special permission has been granted by the Dean to pursue the work elsewhere, the last work before graduation must be completed in residence.

THE LAW SCHOOL

ADMISSION

The requirements for admission are the same as those for the regular session, as stated in the Law School announcement in the general catalogue. For candidates for the degree of Bachelor of Laws the requirement is the completion before admission of two years (sixty semester-hours) of college work. Students from other law schools may be admitted for the Summer Session only as regular or as unclassified students. Unclassified students must comply with the same entrance requirements as candidates for the degree of Bachelor of Laws.

Qualified students are permitted to begin the study of Law in the first term of the Summer Session, but not in the second term.

THE DEGREES

The Law School offers the degrees of Bachelor of Laws and Master of Laws. Regarding requirements for these degrees, see the Law School announcement in the general catalogue.

RESIDENCE AND ATTENDANCE

The Summer Session is a regular part of the work of the School. The character of the instruction, the amount and grade of work required, and the rules and regulations as to residence, attendance upon classes, and grades, are the same as in the regular session of the academic year. Credit is given for subjects completed by regularly qualified students. Residence credit is given for one fifth of a part-time year for attendance in one term of the Summer Session. A part-time year is three fourths of a full-time year and one fourth of the residence requirement for the degree of Bachelor of Laws. In no case will residence credit amounting to more than this be allowed for attendance during the Summer Session. No student will be recommended for the degree for which he is a candidate unless he has completed the requirements for residence as well as those for semester-hours in subjects. A student who at the end of the Summer Session has completed subjects which equal in semester-hours the total number of semester-hours required for the degree for which he is a candidate, but has failed to complete the full residence requirements for that degree, must be in residence during the first semester of the next academic year and pass the examination in at least one subject.

COURSES OF INSTRUCTION AND CREDITS

Students may obtain a maximum of four semester-hours of credit in each term by attendance aggregating ten periods a week.

THE SCHOOL OF EDUCATION

INTRODUCTORY

It is the purpose of the School of Education to prepare teachers, supervisors, and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their training. The School embraces the Departments of Education, Physical Education, and Home Economics, and it is affiliated with all the other departments of the University in which the student is likely to elect work. Both graduate and undergraduate work are offered.

ADMISSION

Admission to the undergraduate division of the School is based on (a) the satisfactory completion of two years of approved college work, or (b) graduation from an approved two-year normal school. Students meeting these requirements are admitted as regular students.

To be admitted to graduate standing a candidate must hold a baccalaureate degree from an accredited school or college or must have completed a course of study that is judged by the Faculty to be the equivalent. Candidates holding degrees from unaccredited institutions, whose work is judged by the Faculty to be more than twelve semester-hours short of a standard baccalaureate degree, must register for a Bachelor's degree.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Education, the degree of Bachelor of Arts in Education, Bachelor of Science in Home Economics, or Bachelor of Science in Physical Education is conferred.

REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements.

A minimum of one year, or thirty semester-hours, must be completed in residence. Summer Sessions work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the Dean to pursue the work elsewhere, the work of the senior or final year must be completed in residence.

The scholarship requirements, as stated in detail in the general catalogue, are in effect during the Summer Sessions.

BACHELOR OF ARTS IN EDUCATION

Students admitted with two years of approved college work are granted the degree of Bachelor of Arts in Education upon the completion of sixty-six semester-hours of work. This work must include:

	Sem hrs.
Educational Psychology.....	3
History and Principles of Education.....	3
Technique of Teaching.....	2
Elementary or Secondary Education.....	2
Special Methods.....	2
Observation and Practice Teaching.....	6
Electives in Education.....	9
Subject-matter group.....	24
Electives.....	15
Total.....	66

To the extent that courses in the foregoing list are offered for admission, the range of electives is increased, leaving room for the mastery of a minor teaching subject.

Graduates from approved two-year or three-year normal schools are granted such advanced standing as their credentials warrant. Their unfinished requirements are determined by the Dean.

BACHELOR OF SCIENCE

For detailed information concerning curricula leading to degrees of Bachelor of Science in Home Economics and Bachelor of Science in Physical Education, see the general catalogue.

THE HIGHER DEGREES

The work for a higher degree is conducted under the guidance of a consultative committee appointed by the Dean. It is the duty of this committee to outline and approve the student's program of studies, to advise and direct the student in the preparation of his thesis, and to arrange his general examinations. The chairman of the committee is the student's adviser.

Graduate work completed in other accredited institutions of learning may be credited toward the Master's degree to the extent of six semester-hours.

Advanced courses completed in excess of the requirements for the baccalaureate degree in The George Washington University may be credited toward the Master's degree to the extent of twelve semester-hours, provided the work fits in with the student's plan of specialization and is approved in writing by the Dean before it is undertaken.

Transferred work completed more than three years prior to registration for the Master's degree at The George Washington University will be credited only if the candidate successfully passes an examination given by his committee on the subject matter of the work offered for credit.

REQUIREMENTS FOR THE MASTER OF ARTS DEGREE

A candidate must pass in resident study at this University at least two semesters, or one semester and a nine-week summer term, or three nine-week summer terms, or four six-week summer terms.

A student whose previous preparation in his chosen field has been adequate may complete his class requirements, exclusive of the thesis, by a minimum of twenty-four semester-hours of work; others may be required to take as many as twelve semester-hours additional. The work may fall in one or two departments. At least six semester-hours of work must be chosen from courses numbered above 200.

Every candidate must present a thesis in his major subject. The thesis counts as a six-semester-hour course toward the degree and must be duly registered for. The thesis subject must be approved in writing by the student's adviser and recorded in the Office of Registrar not later than the beginning of the semester or summer session in which the thesis is due.

REQUIREMENTS FOR THE DOCTOR OF EDUCATION DEGREE

The degree of Doctor of Education is conferred upon the completion of three years of graduate work, including a thesis. The work required is given a practical instead of a theoretical bent and emphasizes the mastery and application of professional subject matter, both in the study requirements and in the thesis. The tools of investigation are not set, but are determined by the student's committee in relation to the student's needs. These tools may include statistical methods, historical criticism, and the use of one or more foreign languages. At least two semesters must be spent in residence at this University. Special emphasis is placed upon the candidate's success in teaching, supervision, administration, or publication.

For the requirements in detail, see the general catalogue.

The degree of Doctor of Philosophy, in which a major or minor in Education may be included, is under the jurisdiction of the Graduate Council.

THE SCHOOL OF GOVERNMENT

INTRODUCTORY

The School of Government offers training to students who are interested in governmental, economic, and social problems, as well as to those who are preparing for the domestic and foreign service of the United States and for positions in business.

ADMISSION

Admission to undergraduate work is based upon a Junior Certificate in Government from the Junior College of this University, or its equivalent.

Admission to work for the Master's degree is based upon a Bachelor's degree which includes the proper basic training for the degree sought. For instance, admission to work for the Master's degree in Foreign Commerce is based upon a Bachelor's degree with training approximately equivalent to the Bachelor's degree in Foreign Commerce.

THE DEGREES

The degrees offered are Bachelor of Arts in Government and Master of Arts in Government. For a complete statement of the requirements for these degrees, see the announcement of the School of Government in the general catalogue.

THE DEGREE OF BACHELOR OF ARTS IN GOVERNMENT

The curricula leading to the Bachelor's degree are Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting. The requirements of these curricula are set forth in the general catalogue.

THE DEGREE OF MASTER OF ARTS IN GOVERNMENT

For the Master's degree thirty semester-hours of work, distributed as outlined in the general catalogue, must be completed successfully. Variations from these curricula require the permission of the Dean.

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the Dean of the School of Government. Before being admitted to candidacy he must show a reading knowledge of at least one modern foreign language.

Advanced work in other institutions may be credited toward the Master's degree to the extent of not more than twelve semester-hours.

THE DIVISION OF UNIVERSITY STUDENTS

INTRODUCTORY

The Division of University Students was organized in 1930 in order to make the work of the University in its several divisions more fully accessible to mature students and to provide for the offering of special courses to meet special demands as they may arise from time to time. Students registered in this Division are designated "university" students, as distinguished from regularly matriculated undergraduate and graduate students.

ADMISSION

Men and women over twenty-one years of age may apply for admission as university students, to pursue courses for which they have had adequate preparation. In each case the approval of the instructor concerned must be obtained. Applicants for admission must present a complete statement of the work previously pursued, on the University form. Where a student is found unable to pursue with advantage a course for which he is registered, such student may be dropped from the rolls of that course upon the recommendation of the instructor and with the approval of the Dean.

Qualified students, not candidates for degrees in The George Washington University, who desire to pursue courses in the Summer Sessions, may be enrolled in the Division of University Students. In each case the approval of the instructor concerned must be obtained.

In special instances, with the permission of the instructor, a person may be registered as an "auditor" in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

UNIVERSITY STUDENTS IN THE LAW SCHOOL

A limited number of persons who cannot qualify as candidates for a degree in Law, but who are over twenty-five years of age and because of their maturity, educational training, and practical experience seem qualified to pursue the study of Law, may be admitted as university students upon the approval of the Faculty of the Law School.

Candidates for admission as university students in the Law School must file written applications, setting forth their qualifications in detail, and letters and certificates to prove the facts stated therein as to their education and experience. Work done by such university students will not be counted toward a degree.

TRANSFER TO REGULAR STATUS

University students may be transferred, at their request, to other Colleges, Schools, and Divisions of the University only upon complying with the regulations of the specific Colleges, Schools, and Divisions as stated in the general catalogue.

THE DIVISION OF LIBRARY SCIENCE

ADMISSION

Regarding general admission requirements, see pages 21-22.

The minimum educational requirement is two years of college work in an approved college or university, with at least two years of French and German, and courses in American History, Education, Psychology, literature, and science.

Persons not candidates for degrees may take courses in Library Science. Such students are referred to the Division of University Students.

THE DEGREE

The courses in Library Science are designed to give students professional training that will prepare them to enter upon active library service. A two-year upper-division curriculum, in combination with the required Junior College work, leads to the degree of Bachelor of Arts in Library Science.

REQUIREMENTS FOR THE DEGREE

To obtain a degree of Bachelor of Arts in Library Science, candidates must have satisfied the admission requirements and completed satisfactorily 120 semester-hours of work, including the curriculum specifications, French and German, and not less than thirty hours in Library Science. Residence may be satisfied in the Summer Sessions by periods aggregating not less than thirty weeks.

Those entering with a Bachelor's degree from an approved college or university, may obtain a degree of Bachelor of Arts in Library Science upon the satisfactory completion of thirty semester-hours in Library Science, provided their previous courses have met the requirements of the Division of Library Science.

THE GRADUATE COUNCIL

The Graduate Council offers work leading only to the degree of Doctor of Philosophy. Because the basis for work under the Graduate Council is primarily creative research, regular study in specific courses is considered quite incidental and is therefore not emphasized in connection with the curricula of the Summer Sessions. A student wishing to work under the disciplines of the Graduate Council will consult the Chairman of the Graduate Council for information concerning credentials and candidacy.

More complete general information concerning procedures and requirements for work with the Graduate Council may be found in the general catalogue of the University.

THE SCHOOL OF ENGINEERING

The School of Engineering will offer no courses in departments of Civil Engineering, Electrical Engineering, and Mechanical Engineering this summer. Undergraduate students in the School of Engineering will find an opportunity, however, to take other required courses and electives, such as Chemistry, Economics, English, languages, Mathematics, Physics, and Political Science.

Students in the School of Engineering are urged to consult with Dean John R. Lapham and departmental advisers in planning to take required courses and electives in the Summer Sessions.

THE DIVISION OF FINE ARTS

The Division of Fine Arts will offer no courses in the Department of Art this summer. Students of Fine Arts will find an opportunity, however, to take other required courses and electives, such as Economics and History.

Students in the Division of Fine Arts are urged to consult with Director Norris Ingersoll Crandall and departmental advisers in planning to take required courses and electives in the Summer Sessions.

COURSES OF INSTRUCTION

COURSES OF INSTRUCTION

Courses will be offered in the Junior College, Columbian College (the Senior College), the Law School, the School of Education, the School of Government, the Division of University Students, and the Division of Library Science. Students in the School of Engineering and in the Division of Fine Arts will have the opportunity to take many of their elective and required courses in the Junior College and Columbian College curricula.

The courses of instruction listed below are subject to change. Courses preceded by an asterisk (*) are in the six weeks' term, beginning July 1; all other courses begin on June 10, unless otherwise stated. The number of semester-hour credits is stated after the title of each course. The room in which the class will meet is indicated after the description of each course.

A dagger (†) preceding the number of a course indicates that the course may not be entered in the second half without permission, and that credit will not be given until the work of both halves has been completed.

CHEMISTRY

11-12 *General Chemistry* (4-4) Knowles and Assistant

For students who are beginning the study of Chemistry. Students who have had high-school Chemistry may enter Chemistry 12 on July 11. Material fee, \$9 for each half; breakage deposit, \$10. Daily except Sat., 8.40 a.m. to 1.30 p.m. (Room: Y-39.)

41-42 *Organic Chemistry* (4-4) Mackall and Assistant

Material fee, \$12 for each half; breakage deposit, \$10. Daily except Sat., 8.40 a.m. to 1.30 p.m. (Room: Y-37.)

295-96 *Research* (3-3) The Staff

Research and thesis for the Master's degree. Hours and fees to be arranged.

ECONOMICS

1-2 *Principles of Economics* (3-3) Sutton

An analysis of the existing economic order and its problems. Daily except Sat., 6.10 to 8 p.m. (Room: L-22.)

131 *Business Organization and Control* (3) Owens

Simple and interrelated forms of business enterprise and their control by government. Prerequisite: Economics 1-2. Daily except Sat., 5.10 p.m. (Room: L-21.)

- 147 *Marketing* (3) Kennedy
Methods of marketing agricultural and industrial products.
Prerequisite: Economics 1-2. Daily except Sat., 5.10 p.m.
(Room: Y-17.)
- 152 *Principles of Transportation* (3) Kennedy
A survey of the transportation industry and its problems.
Students electing this course may not also offer Economics
153-54 for credit. Prerequisite: Economics 1-2. Daily except
Sat., 6.10 p.m. (Room: Y-17.)
- 156 *Speculation, Business Forecasting, and Insurance* (3) Owens
The risks in conducting business enterprises and ways of dealing
with them. Daily except Sat., 6.10 p.m. (Room: L-21.)

EDUCATION

- *116 *Technique of Teaching* (2) Ruediger
Method in relation to subject matter. Daily except Sat., 10.40
a.m. (Room: B-22.)
- *143 *Teaching Reading* (2) French
Methods and materials; review of investigations. Daily except
Sat., 8.40 a.m. (Room: B-12.)
- *146 *The Social Studies* (2) French
Historical setting, content, and method. Daily except Sat.,
10.40 a.m. (Room: B-12.)
- *147 *Teaching Elementary-School Subjects* (2) Halberg
Vitalized methods; individual and group teaching. Daily except
Sat., 11.40 a.m. (Room: B-11.)
- *149 *Curriculum Construction* (2) Halberg
A survey of recent experiments and practices. Daily except
Sat., 9.40 a.m. (Room: B-11.)
- *151 *The High School* (2) Wahlquist
Purposes, curriculum, and method; comparison with European
practices. Daily except Sat., 8.40 a.m. (Room: M-10.)
- *152 *The Junior High School* (2) Wahlquist
Specific functions, with special reference to the reorganization
of the American school system. Daily except Sat., 7.40 a.m.
(Room: M-10.)
- *213 *Seminar: Educational Origins* (3) French
Special problems in early American education. Daily except
Sat., 11.40 a.m. (Room: B-12.)

- *219 *Seminar: Philosophy of Education* (3) Ruediger
Special attention is given to the relation of education to the changing social order. Daily except Sat., 9.40 a.m. (Room: B-22.)
- *257 *Seminar: High-School Supervision* (3) Wahlquist
A survey of current practices. Daily except Sat., 10.40 a.m. (Room: M-10.)
- 291-92 *Thesis* (3-3) The Staff
The techniques of research. Students working on Master's theses will register for this course. First meeting Fri., July 5, at 3.10 p.m., in room L-12.

(See also Psychology 121, *Educational Psychology*; Psychology 123, *Psychology of Character*; Psychology 221, *Seminar: Educational Psychology*.)

ENGLISH

- 1-2 *English Composition* (3-3) Bement
Daily except Sat., 6.10 to 8 p.m. (Room: Y-29.)
- 51 *Survey of English Literature* (3) Baker
First half: from the beginning to Dryden. Daily except Sat., 6.10 p.m. (Room: M-21.)
- 52 *Survey of English Literature* (3) Smith
Second half: from Pope to the present time. Daily except Sat., 5.10 p.m. (Room: M-22.)
- 138 *Spenser and Milton* (3) Baker
Daily except Sat., 5.10 p.m. (Room: M-21.)
- *145 *Dr. Johnson and His Circle* (2) Smith
Daily except Sat., 9.40 a.m. (Room: L-11.)
- 152 *The Romantic Movement* (3) Smith
Second half. Daily except Sat., 6.10 p.m. (Room: M-22.)
- 175 *The American Drama* (3) Bolwell
Daily except Sat., 5.10 p.m. (Room: L-22.)
- *185 *Fiction since 1890* (2) Bement
Daily except Sat., 10.40 a.m. (Room: L-11.)
- *193 *An Introduction to the Study of Poetry* (2) Baker
Daily except Sat., 8.40 a.m. (Room: M-12.)

FRENCH

(See Romance Languages)

GEOLOGY

- *5 *Field Geology* (4) Bassler
Field trips to neighboring localities of geological interest, with classroom study. Daily except Sat., 5.10 to 7 p.m.; field work Sat. afternoon. (Room: Y-10.)
- *215 *Research* (3) Bassler
Hours
Field and laboratory investigation of special problems. to be arranged.

GERMAN

- 1-2 *First-Year German* (3-3) Rogers
Daily
Essentials of grammar and translation of simple prose. except Sat., 6.10 to 8 p.m. (Room: K-23.)
- 5-6 *Second-Year German* (3-3) Sehr
poetry.
Composition and conversation; readings in prose and poetry. Daily except Sat., 6.10 to 8 p.m. (Room: K-24.)

HISTORY

- 23 *Ancient History* (3) Kaysr
Greece,
and Rome. Daily except Sat., 7.40 a.m. (Room: Y-11.)
- 37 *Modern European History* (3) Ragatz
Daily
The development of western civilization, 1450-1850. except Sat., 5.10 p.m. (Room: Y-29.)
- 41 *American History* (3) Churchill
period.
A survey of the colonial era and the early national period. Daily except Sat., 6.10 p.m. (Room: Y-24.)
- *140 *Intellectual Aspects of the Renaissance and Reformation* (2) Kaysr
Daily except
Sat., 8.40 a.m. (Room: Y-11.)
- *158 *Contemporary Europe* (2) Ragatz
Daily except
The Old World since the close of the Great War. Sat., 6.10 p.m. (Room: Y-29.)
- *162 *Canadian History* (2) Churchill
England, the
British Empire, and the United States. Daily except Sat.
7.10 p.m. (Room: Y-24.)

- *197 *Seminar-Conference on Hispanic-American Affairs* (4)
Wilgus, Robertson, and Visiting Staff
See Political Science 197.

- 203 *Proseminar: History and Historians* (3) The Staff
An introduction to theory and method. Mon. and Thurs., 8.10 p.m. (Room: Y-24.)

(See also Political Science 177, *American Diplomacy*.)

LAW

- 101-2 *Agency* (4) McIntire
Mechem's Cases on Agency (2d ed., by Seavey). Daily except Sat., 5.10 and 6.10 p.m., second term. (Room: U-21.)
- 141-42 *Torts* (4) Van Vleck
Beale's edition of Ames and Smith's Cases. Daily except Sat., 5.10 and 6.10 p.m., first term. (Room: U-21.)
- 241-42 *Real Property II* (4) Benson
Kirkwood's Cases on Conveyances; Mechem and Atkinson's Cases on Wills and Administration. Daily except Sat., 5.10 and 6.10 p.m., first term. (Room: U-30.)
- 261-62 *Trusts* (4) Moll
Scott's Cases on Trusts, 2d ed. Daily except Sat., 5.10 and 6.10 p.m., first term. (Room: U-10.)
- 311-12 *Business Associations* (4) Davison
Warren's Cases on Corporations. Daily except Sat., 5.10 and 6.10 p.m., second term. (Room: U-30.)
- 323-24 *Equity III* (4) Spaulding
Ames' Cases on Equity, vol. 2; Pound's Cases on Equitable Relief against Defamation and Injuries to Personality; Chafee's Cases on Equitable Relief against Torts. Daily except Sat., 5.10 and 6.10 p.m., second term. (Room: U-10.)

LIBRARY SCIENCE

- *107 *Cataloguing* (2) Wright
Material fee, \$1. Daily except Sat., 5.10 p.m. (Room: K-21.)
- *121 *Classification* (2) Wright
First half. Daily except Sat., 6.10 p.m. (Room: K-21.)
- *141 *Reference* (2) Wright
Prerequisite: Cataloguing and Classification, or the equivalent in library experience. Daily except Sat., 7.40 a.m. (Room: K-21.)

MATHEMATICS

- 19 *Differential Calculus* (3) Taylor
June 10-July 10. Daily except Sat., 6.10 to 8 p.m. (Room: Y-22.)
- 20 *Integral Calculus* (3) Taylor
July 11-August 9. Daily except Sat., 6.10 to 8 p.m. (Room: Y-22.)
- 277 *Partial Differential Equations* (3) Taylor
Hour to be arranged.

PHILOSOPHY

- 103 *Principles of Philosophy* (3) Garnett
A survey of the problems and theories of philosophy. Daily except Sat., 6.10 p.m. (Room: B-22.)
- *131 *Aesthetics* (2) Garnett
The origin and nature of art. Its significance for religion, morality, and social life. Daily except Sat., 8.40 a.m. (Room: L-21.)

PHYSICAL EDUCATION FOR MEN

(First term: June 10-July 24; second term: July 25-September 7.)

- 15-16 *Physical Education* (1-1) The Staff
This course will satisfy the curriculum requirements of Physical Education 17-18 and will count toward the four semester-hours of credit in Physical Education which is required for graduation and which is compulsory for all freshman and sophomore men. The student may select from the following various activities the course of training which he desires to follow: baseball, golf, swimming, tennis. Hours to be arranged.
- †55-56 *Orientation in Physical Education and Methods in High-School Athletic Coaching* (2-2) Pixlee, Myers
Introductory course. Emphasis placed on new conceptions, modern goals, common measures, and fundamental skills of Physical Education. Field instruction, lecture methods, coaching problems of the various major and minor sport activities. Daily except Sat., 9.40 a.m. (Room: K-32.)
- †63-64 *Anatomy and Physiology in Physical Education* (2-2) Myers
Study of different forms of athletic injuries; effect of the various types of exercise upon the muscular system and the bodily organs; study of the basic and essential facts relative to the

structure and function of the human body. Daily except Sat., 10.40 a.m. (Room: K-32.)

- †103-4 *Teaching Technique and Methods in Corrective, Gymnastic, and Tumbling Physical-Education Activity (2-2)* **The Staff**
Class organization; selection and progression of material; technique of teaching; floor and equipment management; providing for individual differences; training of student leaders; and methods in corrective and preventive exercises. Lectures, discussions, and practical floor work. One-hour lecture and eight hours of laboratory work each week. Daily except Sat., 7.40 a.m. (Gymnasium.)

- †106-7 *Administration and Organization of Physical Education (2-2)* **Walsh**
Discussion of modern administrative methods, a unified administrative program, physical-education plants, athletic fields, and equipment. Field trips to neighboring localities of recreational and athletic interest. Daily except Sat., 10.40 a.m. (Room: K-31.)

PHYSICS

- 12 *Electricity and Magnetism (3)* **Seeger**
Prerequisite: Physics 11. Students who have credit for high-school Physics from an accredited high school may, with the permission of the Physics Department, omit this prerequisite. Material fee, \$4.50. Mon., Wed., and Fri., 10.40 a.m., and Tues. and Thurs., 9.40 to 11.40 a.m. (Room: K-14.)

- 13 *Dynamics, Sound, and Light (3)* **Brown and Seeger**
Prerequisite: Physics 11. Students who have credit for high-school Physics from an accredited high school may, with the permission of the Physics Department, omit this prerequisite. Material fee, \$4.50. Mon., Wed., and Fri., 6.10 p.m., and Tues. and Thurs., 6.30 to 8.30 p.m. (Room: K-14.)

- *14 *Modern Physical Phenomena (2)* **Brown**
Molecular and atomic Physics. Prerequisite: Physics 12 and 13. A student may take one of these prerequisites concurrently if he has credit for the other one. Daily except Sat., 5.10 p.m. (Room: K-14.)

POLITICAL SCIENCE

- 9 *Government of the United States (3)* **Martin**
Emphasis on recent tendencies and the relationship of the Federal Government to business. Daily except Sat., 5.10 p.m. (Room: Y-27.)

- 10 *State Government* (3) Johnstone
Emphasis on the social activities of the States and the relationship between the States and the Federal Government. Daily except Sat., 6.10 p.m. (Room: L-11.)
- 111 *Comparative European Governments* (3) Tillemma
A study of the leading governments of Europe as going concerns. Daily except Sat., 5.10 p.m. (Room: M-12.)
- 127 *Commercial and Maritime Law* (3) Tillemma
The principles of contract, agency, liens, including their application in the maritime field. Daily except Sat., 6.10 p.m. (Room: M-12.)
- *151 *Administration* (2) Tillemma
Emphasis on new developments in administration, particularly in the national sphere. Daily except Sat., 7.40 a.m. (Room: L-21.)
- 177 *American Diplomacy* (3) Martin
The development and application of the main points of foreign policy as shown in our leading treaties and negotiations. Daily except Sat., 6.10 p.m. (Room: Y-27.)
- 192 *The Far East* (3) Johnstone
A study of Far Eastern international relations in modern times. Daily except Sat., 5.10 p.m. (Room: L-11.)
- *281 *Seminar in International Law and Relations* (2) Martin
Mon., 8.10 to 10 p.m. (Room: Y-27.)

SEMINAR-CONFERENCE

This special conference, under the direction of Professor A. Curtis Wilgus, Director of the Center of Inter-American Studies, is open to students for credit only with the approval of the Director. A special circular of detailed information will be sent upon request.

- *197 *Seminar-Conference on Hispanic-American Affairs* (4)
Wilgus, Robertson, and Visiting Staff
A study of colonial Hispanic-American origins and their present influences. Daily except Sat., 9.40 to 11.30 a.m. (Room: A-11.)

PSYCHOLOGY

- 1 *General Psychology* (3) Thorndike
The fundamental principles underlying human behavior. Daily except Sat., 5.10 p.m. (Room: L-12.)

- 2 *Applied Psychology* (3) Thorndike
Individual differences; maladjustment; the application of Psychology to medicine, law, education, and business. Daily except Sat., 6.10 p.m. (Room: L-12.)
- *121 *Educational Psychology* (2) Dreese
Special emphasis on adolescence. (Opportunity to earn three semester-hours of credit will be provided.) Daily except Sat., 11.40 a.m. (Room: B-21.)
- *123 *Psychology of Character* (2) Dreese
A survey of factors influencing the personality development of school children. Daily except Sat., 9.40 a.m. (Room: B-21.)
- *161 *Comparative Psychology* (2) Thorndike
Principles of animal behavior. Daily except Sat., 7.40 a.m. (Room: B-22.)
- *221 *Seminar: Educational Psychology* (3) Dreese
Problems in the psychology of learning, with special reference to character development. Daily except Sat., 8.40 a.m. (Room: B-21.)

PUBLIC SPEAKING

- 1 *Principles of Effective Speaking* (3) Harding
Speech composition and delivery. Short informative, persuasive, and entertaining speeches. Daily except Sat., 6.10 p.m. (Room: Y-16.)
- 5 *Argumentation* (3) Harding
Construction and adaptation of arguments to audiences, refutation, practice debates. Daily except Sat., 5.10 p.m. (Room: Y-16.)

ROMANCE LANGUAGES

FRENCH

- 1-2 *First-Year French* (3-3) Deibert
Grammar, translation, pronunciation. Daily except Sat., 6.10 to 8 p.m. (Room: Y-11.)
- 5-6 *Second-Year French* (3-3) Protzman
Reading of modern French; grammar review; oral practice. Daily except Sat., 6.10 to 8 p.m. (Room: Q-21.)

SPANISH

- 1-2 *First-Year Spanish* (3-3) Cortiss
Grammar, translation, pronunciation. Daily except Sat., 6.10 to 8 p.m. (Room: Y-12.)

5-6 *Second-Year Spanish* (3-3)

Doyle

Reading of modern Spanish; grammar review; oral practice.
Daily except Sat., 6.10 to 8 p.m. (Room: Y-21.)

RUSSIAN

1-2 *First-Year Russian* (3-3)

Kolesnikoff

Pronunciation, essentials of grammar, simple composition, and reading. Daily except Sat., 6.10 to 8 p.m. (Room: B-12.)

115 *Survey of Russian Literature* (3)

Kolesnikoff

History of Russian literary development; readings in English translation of Russian masterpieces. Daily except Sat., 5.10 p.m. (Room: B-12.)

SPANISH

(See Romance Languages)

ZOOLOGY

1-2 *Introduction to Zoology* (3-3)

Bowman

Lectures and laboratory work introductory to zoological characters, the general principles of biology and evolution, and comparative morphology. Zoology 1, June 10-July 10; Zoology 2, July 11-August 9. Material fee, \$4.50 for each half. Daily except Sat., 5.10 to 6 and 6.10 to 9 p.m. (Room: M-10.)

*5 *Field Zoology* (4)

Bartsch

A field course covering the range of habitat afforded by our own locality, intended to acquaint the student with living animals in their natural surroundings. Problems in ecology. Daily except Sat., 7 to 9 a.m., and Sat., 1 to 6 p.m. (Room: Y-21.)

*105 *Mammalian Anatomy* (3)

Bowman

Material fee, \$6. Daily except Sat., 5.10 p.m.; laboratory hours to be arranged. (Room: Y-21.)

135 *Field Ornithology* (3)

Bartsch

Intersession course, June 3-July 6, inclusive; daily, 7 to 8.50 a.m.; expedition to Rookeries off Cape Charles, July 3-7, inclusive.

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THE UNIVERSITY OF CHICAGO

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THE UNIVERSITY CALENDAR

1935

July

S	M	T	W	T	F	S
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September

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October

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November

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December

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THE UNIVERSITY CALENDAR

1935-36

Date	Days	Occasion
1935: September 21, 23-24	Saturday, Monday, and Tuesday	Registration period for the first semester; registration period for the academic year in the School of Medicine
September 23	Monday	Presession examinations in the School of Medicine
September 25	Wednesday	Academic year begins
September 27-28	Friday and Saturday	Examinations for students who wish to qualify for advanced COURSES Intelligence tests and physical examinations for entering students
September 28	Saturday	Last day for receiving theses of candidates for the degree of Master of Arts in October
October 8	Tuesday	University entrance examinations Last day for late registration for the first semester Last day on which candidates may file thesis subjects for the degree of Master of Arts to be received in February
October 10	Thursday	Stated meeting of the Board of Trustees
October 16	Wednesday	Fall Convocation
November 1	Friday	Last day on which candidates may file thesis subjects for the degrees of Doctor of Philosophy and Doctor of Education to be received the following June
November 28-30	Thursday to Saturday, both dates inclusive	Thanksgiving recess
December 12	Thursday	Stated meeting of the Board of Trustees
December 21-January 2	Saturday to Thursday, both dates inclusive	Christmas recess
1936: January 3	Friday	Classes resumed
January 6	Monday	Last day for applications for degrees and Junior Certificates to be conferred in February Last day for receiving theses of candidates for the degrees of Doctor of Philosophy and Doctor of Education in February

THE UNIVERSITY CALENDAR—Continued

Date	Days	Occasion
January 13-24.....	Monday to Friday, both dates inclusive	Preregistration period for the second semester
January 25-February 1.....	Saturday to Saturday, both dates inclusive	Midyear examination period
January 27.....	Monday.....	Last day for receiving theses of candidates for the degree of Master of Arts in February
February 5-6.....	Wednesday and Thursday	Registration period for the second semester
February 7.....	Friday.....	Classes resumed for the second semester
February 7-8.....	Friday and Saturday..	Examinations for students who wish to qualify for advanced courses
February 8.....	Saturday.....	University entrance examinations
February 13.....	Thursday.....	Stated meeting of the Board of Trustees
February 20.....	Thursday.....	Last day on which candidates may file thesis subjects for the degree of Master of Arts to be received in June
February 22.....	Saturday.....	Last day for late registration for the second semester
March 2.....	Monday.....	Midwinter Convocation. Holiday
March 12.....	Thursday.....	Applications for fellowships for 1936-37 should be filed
April 10-15.....	Friday to Wednesday, both dates inclusive	Stated meeting of the Board of Trustees
April 16.....	Thursday.....	Easter recess
April 23.....	Thursday.....	Pan American Day. Special Convocation
		Last day for receiving theses of candidates for the degrees of Doctor of Philosophy and Doctor of Education in June
		Last day on which candidates may file thesis subjects for the degrees of Doctor of Philosophy and Doctor of Education to be received the following February
May 1.....	Friday.....	Last day for applications for degrees and Junior Certificates to be conferred in June
May 15.....	Friday.....	Last day for receiving theses of candidates for the degree of

THE UNIVERSITY CALENDAR—Continued

Date	Days	Occasion
May 15 (contd.)....	Friday.....	Master of Arts and for the professional degrees in Engineering in June Applications for scholarships for 1936-37 should be filed Final-examination period in the Law School
May 20-June 6.....	Wednesday to Saturday, both dates inclusive	Final-examination period in all Schools and Divisions except the Law School
May 29-June 6.....	Friday to Saturday, both dates inclusive	Final-examination period in all Schools and Divisions except the Law School
May 30.....	Saturday.....	Memorial Day. Holiday
June 4.....	Thursday.....	Annual meeting of the Board of Trustees
June 7.....	Sunday.....	Baccalaureate Sermon
June 10.....	Wednesday.....	Commencement
June 15.....	Monday.....	Instruction begins in the nine weeks' term in the Summer Sessions Instruction begins in the first summer term of the Law School Instruction begins in the six weeks' term in the Summer Sessions
July 6.....	Monday.....	First summer term in the Law School ends Second summer term in the Law School begins
July 29.....	Wednesday.....	Six weeks' summer term ends in all Schools and Divisions except the Law School Nine weeks' summer term ends in all Schools and Divisions except the Law School
July 30.....	Thursday.....	Second summer term in the Law School ends
August 15.....	Saturday.....	Registration period for the first semester of the academic year 1936-37
September 12.....	Saturday.....	
September 19, 21-22	Saturday, Monday, and Tuesday	

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The Dean of Columbian College
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The Dean of the Law School
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FRANCIS GEORGE SPEIDEL, M.D., <i>Clinical Instructor in Anesthesia; Associate University Physician.</i>	221 Rittenhouse St.
ROSCOE ROY SPENCER, A.B., M.D., <i>Associate Professor of Hygiene and Preventive Medicine.</i>	3917 Oliver St., Chevy Chase, Md.
NEIL EVERETT STEVENS, Ph.D., <i>Adjunct Professor of Botany.</i>	East Falls Church, Va.
*GEORGE WINCHESTER STONE, Jr., A.M., <i>Assistant Professor of English.</i>	410 Cummings Lane, Chevy Chase, Md.
ELWOOD VICKERS STREET, A.M., <i>Adjunct Professor of Sociology.</i>	1727 Hoban Rd.
HAROLD GRIFFITH SUTTON, M.S., <i>Associate Professor of Finance; Director of Admissions.</i>	105 W. Underwood St., Chevy Chase, Md.

*On leave 1935-36.

LOYD HALL SUTTON, B.S., LL.B., <i>Adjunct Professor of Law.</i>	5601 Western Ave., Chevy Chase, D.C.
ALMA CHARLOTTE SWENSON, A.M., <i>Associate in Home Economics.</i>	1761 Massachusetts Ave.
AUGUSTUS CARRIER TAYLOR, <i>Lecturer in Pharmacy.</i>	1733 Upshur St.
JAMES HENRY TAYLOR, Ph.D., <i>Professor of Mathematics.</i>	138 Curter Rd., Bethesda, Md.
MALCOLM TAYLOR, A.M., <i>Associate in Physics.</i>	1705 Newton St. NE.
WILLIAM RAYMOND THOMAS, M.D., <i>Associate in Obstetrics and Gynecology.</i>	5433 Kansas Ave.
RANDALL LESLIE THOMPSON, Sc.D., <i>Research Associate in Bacteriology.</i>	1335 H St.
RICHARD KNIGHT THOMPSON, D.D.S., <i>Clinical Instructor in Surgery.</i>	4843 Woodway Lane.
THOMAS CARLTON THOMPSON, B.S., M.D., <i>Associate Professor of Urology.</i>	2032 16th St.
ROBERT LADD THORNDIKE, Ph.D., <i>Assistant Professor of Psychology.</i>	2121 New York Ave.
LYMAN BROOKE TIBBETS, Ph.D., M.D., <i>Clinical Instructor in Oto-rhino-laryngology.</i>	5014 Arkansas Ave.
JOHN ALBERT TILLEMA, Ph.D., LL.M., S.J.D., <i>Associate Professor of Political Science.</i>	1740 Q St.
ELIJAH WHITE TITUS, Ph.D., M.D., <i>Clinical Professor of Obstetrics and Gynecology.</i>	3459 Macomb St.
KATHRYN MILDRED TOWNE, A.M., <i>Assistant Professor of Home Economics.</i>	2150 Pennsylvania Ave.
HARRIET ELIZABETH TWOMBLY, A.B., M.D., <i>Clinical Instructor in Psychiatry.</i>	St. Elizabeth's Hospital.
BENJAMIN DOUGLASS VAN EVERA, M.S., <i>Associate Professor of Chemistry.</i>	401 23d St.
WILLIAM CABELL VAN VLECK, A.B., LL.B., S.J.D., <i>Professor of Law; Dean of the Law School.</i>	4120 Harrison St.
EDWARD BRIGHT VEDDER, A.M., M.D., Sc.D., <i>Professor of Experimental Medicine.</i>	1424 Van Buren St.
JOHN THOMAS WAHLQUIST, Ph.D., <i>Visiting Associate Professor of Education.</i>	University of Utah.
EDGAR STOVER WALKER, B.S. IN C.E., <i>Associate in Civil Engineering.</i>	507 Columbia Rd.

WILLIAM HENRY WALLER, Ph.D., <i>Instructor in Anatomy.</i>	1335 H St.
CHESTER CHARLES WARD, B.S., LL.B., <i>Instructor in Law.</i>	Chastleton Hotel.
DONALD STEVENSON WATSON, A.M., <i>Instructor in Economics.</i>	2033 G St.
JAMES WINSTON WATTS, M.D., <i>Associate Professor of Neurosurgery.</i>	1335 H St.
FRANK MARK WEIDA, Ph.D., <i>Professor of Statistics.</i>	Cosmos Club.
EUGEN WEISZ, <i>Lecturer and Critic in Art.</i>	515 20th St.
GEORGE LOUIS WELLER, JR., A.B., M.D., <i>Clinical Instructor in Medicine.</i>	2929 Cathedral Ave.
CARL DOUGLAS WELLS, Ph.D., <i>Assistant Professor of Sociology.</i>	1824 G St.
WARREN REED WEST, Ph.D., <i>Professor of Political Science; Assistant Dean of the School of Government.</i>	1321 Spring Rd.
CHARLES STANLEY WHITE, M.D., <i>Professor of Surgery.</i>	1801 Eye St.
WILLIAM ALANSON WHITE, A.M., M.D., <i>Professor of Psychiatry.</i>	St. Elizabeth's Hospital.
ALVA CURTIS WILGUS, Ph.D., <i>Associate Professor of Hispanic-American History; Director of the Center of Inter-American Studies.</i>	3706 33d Pl.
DOUGLAS EMORY WILSON, A.M., <i>Instructor in English.</i>	1734 P St.
WYLLIS EATON WRIGHT, A.M., B.S. IN L.S., <i>Visiting Instructor in Library Science.</i>	New York Public Library.
WILLARD HAYES YEAGER, A.M., <i>Deputy Professor of Public Speaking.</i>	1604 44th St.
LAWSON EDWIN YOCUM, Ph.D., <i>Assistant Professor of Botany.</i>	816 Underwood St.
DONNELL BROOKS YOUNG, Ph.D., <i>Professor of Zoology.</i>	110 Del Ray Ave., Bethesda, Md.
WILLIAM GLENN YOUNG, M.D., <i>Clinical Instructor in Urology.</i>	2908 45th St.

ASSISTANTS IN INSTRUCTION

JOHN MARTIN BARRINGER, JR., M.S., <i>Sanders Fellow in Economics.</i>	1006 New Hampshire Ave.
WESTON ROBINSON CLARK, A.M., <i>Fellow in Psychology.</i>	2121 H St.
ELMER BOLTON KENNEDY, B.S., <i>Sanders Fellow in Chemistry.</i>	4414 Q St.
JOHN FRANKLIN KINCAID, A.B., <i>Sanders Fellow in Chemistry.</i>	2113 Eye St.
GAIL LORENZ MILLER, A.M., <i>Lilly Fellow in Biochemistry.</i>	615 Lexington Pl. NE.
ROLAND OLSON, A.M., <i>Sanders Fellow in Physics.</i>	2033 G St.
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KENNETH BURDG WILLIAMS, A.B., <i>Sanders Fellow in Economics.</i>	38 Monmouth St., Cherrydale, Va.

TECHNICAL ASSISTANTS

REBECCA BROWN, A.M., <i>Laboratory Assistant in Bacteriology.</i>	1335 H St.
BROCKENBROUGH EVANS, Ph.B., <i>Assistant in Bacteriology.</i>	135 Mount Vernon Ave., Arlington Ridge, Clarendon, Va.
EUGENIA GALTSOFF, <i>Laboratory Assistant in Zoology.</i>	2707 Adams Mill Rd.
ELIZABETH KAHLER, B.S., <i>Technician, Department of Obstetrics and Gynecology.</i>	2633 Adams Mill Rd.
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CAYETANO C. NAGAC, <i>Technician, Department of Pathology and Experimental Medicine.</i>	1911 Pennsylvania Ave.
KATHERINE ELIZABETH PARKER, A.M., M.D., <i>Research Assistant in Obstetrics and Gynecology.</i>	6312 Meadow Lane, Chevy Chase, Md.
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CHARLES ROSENBERG, A.M., <i>Assistant in Pathology.</i>	5100 7th St.
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ARTHUR STOREY, B.S., <i>Assistant in Botany.</i>	2219 H St.
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Isabella Frances Young, A.B., *Assistant Librarian, Medical Library.*

Anna Virginia Appich, *Secretary to the Librarian.*

Lynda Stickles Edwards, A.B., *Cataloguer.*

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Assistants in the General Library.—Reba Elaine Barton; Miriam Elizabeth Casteel, A.B.; Marion Laura Ervin; Janet Feiker; Jane Hughes; Camille Jacob; Nora Hay McKirdy; Fletcher Melville Milby, II; James Clifton Quick, A.B.; Howard David Rees, A.B.; Sidney Butler Smith, A.B.; Phoebe Elizabeth Weaver.

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THE UNIVERSITY

HISTORY AND ORGANIZATION

HISTORY

The idea of a university located in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

In furtherance of that hope and project of the first President of the United States, this University, founded as Columbian College and now named The George Washington University, was established. The stock which General Washington willed toward such an institution became valueless owing to the failure of the canal properties, and it was necessary for "the College" established in the District of Columbia to obtain funds from other sources.

In 1819 the Reverend Luther Rice, a Baptist missionary, formed an association to buy land for the use of a college in the city of Washington. With General Washington's idea in mind, John Quincy Adams, Secretary of State of the United States; William H. Crawford, Secretary of the Treasury; John C. Calhoun, Secretary of War; William Wirt, Attorney General; and Return J. Meigs, Postmaster General, became patrons of the new college and, together with thirty-two members of Congress, contributed to a fund raised for the purchase of the land and the development of the work.

From this fund a tract of approximately forty-seven acres, "extending about one-half mile northwest of Boundary Street (Florida Avenue) between 14th and 15th Streets", was purchased, and Columbian College in the District of Columbia under the distinguished favor of James Monroe, President of the United States, and his Cabinet, was chartered by an act of Congress of February 9, 1821.

By 1822 the main building was completed sufficiently to use. Dr. William Staughton was elected first President of the institution. Two years later, when the first commencement was held on December 15, 1824, President Monroe, John Quincy Adams, John C. Calhoun, Henry Clay, and the Marquis de Lafayette headed the eminent company attending the exercises.

The School of Medicine, established in 1821, was formally opened in 1825 and has been in continuous operation since that time. In 1826 the Law School was organized, to be discontinued the following year and re-established in 1865. It is the oldest law school in Washington.

By an act of Congress of March 3, 1873, the name of the college was changed to "Columbian University", in recognition of the enlarged scope of the institution. The following year the institution was moved from its first location on "College Hill", now Columbia Heights, to the new University Hall built for it at Fifteenth and H Streets. Nearby buildings accommodated the Medical and Preparatory Schools.

By an act of Congress of January 23, 1904, the University was removed from the denominational control under which it had operated for the previous six years, and was provided with a self-perpetuating Board of Trustees empowered to change its name. In accordance with this act, the title "The George Washington University" was adopted in the same year.

Subsequently all the Schools and Divisions of the University except the School of Medicine, which is situated on H Street between Thirteenth and Fourteenth Streets, were brought together at the present location on or immediately surrounding the city block bounded by Twentieth, Twenty-first, G, and H Streets.

In 1930 a new plan of academic organization was effected, resembling in principle the master-apprentice relation of the old guild system. The University as it is now organized consists of a Junior College, comprising the work of the freshman and sophomore years; a Senior College, known as "Columbian College", which awards the Bachelor's and Master's degrees; a Council for Graduate Study; the professional Schools and Divisions; the Division of University Students; the Center of Inter-American Studies; and the Summer Sessions.

LOCATION

The George Washington University is located in the heart of the city of Washington, a short distance from the Potomac River and the Mall. Within a few blocks are the White House and the offices of many of the Departments of the Government, including the Department of State, the Treasury Department, the War Department, the Navy Department, the Department of Justice, the Department of the Interior, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also nearby, and the Capitol and the Library of Congress can be reached by street car in twenty minutes from any of the University buildings.

GOVERNMENT

The government and general educational management of The George Washington University is vested in a self-perpetuating Board of thirty-three Trustees, with the President of the University an ex-officio member. These thirty-three elected members of the Board are named for a period

of three years and are divided into three classes of eleven members each. The members of one class are elected at each annual meeting to fill the places of the members whose terms of office expire. Two members of each class are nominated by the Alumni Association. "Persons of every religious denomination shall be capable of being elected Trustees."

ENDOWMENT

The endowment of The George Washington University, not including the value of buildings, grounds, and equipment, is \$2,381,075.

THE COLLEGES, SCHOOLS, AND DIVISIONS

The George Washington University offers courses in fourteen Colleges, Schools, and Divisions, including the Junior College; Columbian College, the senior college of letters and sciences; the Graduate Council; the School of Medicine; the Law School; the School of Engineering; the School of Pharmacy; the School of Education; the School of Government; the Division of University Students; the Division of Library Science; the Division of Fine Arts; the Center of Inter-American Studies; and the Summer Sessions.

INSTRUCTIONAL ORGANIZATION

The instructional organization of the Senior College and the Graduate Council is contained in the divisions. The divisional and departmental officers administer the educational requirements for students majoring within the divisions.

The divisions are as follows: (1) *the Division of Languages and Literatures*, which comprises the Departments of Classical Languages and Literatures, English, Germanic Languages and Literatures, Romance Languages and Literatures, and Slavic Languages and Literatures; (2) *the Division of Mathematics and the Physical Sciences*, which comprises the Departments of Biochemistry, Chemistry, Mathematics, Pharmacology, Physics, and Statistics; (3) *the Division of the Natural Sciences*, which comprises the Departments of Anatomy, Bacteriology, Biology, Botany, Geology, Neurology, Pathology, Physiology, Psychology, and Zoology; (4) *the Division of the Social Sciences*, which comprises the Departments of Business Administration, Economics, Education, History, Law, Philosophy, Political Science, Public Speaking, and Sociology.

EDUCATIONAL FACILITIES

BUILDINGS

Buildings, grounds, and equipment are valued at \$3,500,000.

The buildings of the Junior College, Columbian College, the Graduate Council, the Law School, the School of Engineering, the School of Pharmacy, the School of Education, the School of Government, the Division of University Students, the Division of Library Science, and the Division of Fine Arts are grouped in the vicinity of Twenty-first and G Streets NW. The School of Medicine, the University Hospital, and the Dispensary are situated at Fourteenth and H Streets NW. The buildings of the University are as follows:

Administration Building, Building A, 2100 G Street. Office of the President and the Council Room of the Board of Trustees.

Columbian House, Building Z, 714 Twenty-first Street. Office of the Director of Women's Personnel Guidance, the Placement Office, and rest rooms for women students.

Corcoran Hall, Building Y, 725 Twenty-first Street. Named in honor of the late William W. Corcoran, benefactor of the University. President of the Corporation, and a member of the Board of Trustees from 1869 to 1888. The offices and laboratories of the School of Pharmacy; the physical-science library; the Accounting, Chemistry, and Pharmacy laboratories; and classrooms.

Faculty House, Building N, 2013 G Street.

Gymnasium, Building V, 2010-12 H Street. Offices of the Department of Physical Education for Men, the Men's Athletic Director, and the Graduate Manager of Student Publications.

Hospital and Dispensary, 1339 H Street.

International House, Building E, 2107 G Street. Offices of the Adviser to Students from Foreign Countries and the Director of the Center of Inter-American Studies and club rooms.

Lisner Hall, Building K, 2023 G Street. Named in honor of Abram Lisner, benefactor of the University and member of the Board of Trustees. The General Library; office of the Director of the Division of Library Science; Faculty offices; the Electrical Engineering, Geology, and Physics laboratories; the Fine Arts design studios; and classrooms.

Medical School, 1335 H Street. Offices of the staff of the School of Medicine. Anatomy, Bacteriology, Biochemistry, Histology and Embryology, Physiology, Pharmacology, and Pathology laboratories; the Medical Library; lecture rooms, classrooms, and students' rooms.

Stockton Hall, Building U, 720 Twentieth Street. Named in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. Offices, library, and lecture halls of the Law School.

- Woodhull Administration Building, Building G, 2033 G Street. Named in honor of the late General Maxwell Van Zandt Woodhull, Trustee of the University and donor of the building. Offices of the Comptroller and the Director of Admissions and the business offices.
- Building B, 2026 G Street. Offices of the Department of Psychology, the psychological laboratory, and classrooms.
- Building C, 2024 G Street. Laboratories and classrooms of the Department of Home Economics.
- Building D, 2022 G Street. Classrooms.
- Building F, 2101 G Street. The Division of Fine Arts, the Architecture library, and drawing and lecture rooms.
- Building H, 2031 G Street. Office of the Registrar.
- Building I, 2007 G Street. Offices of the Dean of the Junior College, the Dean of Columbian College, and the Dean and Faculty of the School of Education.
- Building J, 2005 G Street. Offices and research laboratories of the Departments of Biology and Botany.
- Building L, 2019 G Street. Offices of the Department of Economics and classrooms.
- Building M, 2017 G Street. Offices of the Department of English and classrooms.
- Building O, 2009-11 G Street. Offices of the School of Government, the Department of Philosophy, the Department of Political Science, the Department of Sociology, and the Alumni Secretary.
- Building P, 700 Twentieth Street. Offices of the Dean of University Students, the Department of Classical Languages and Literatures, and the Department of History.
- Building Q, 702 Twentieth Street. Offices of the Dean of the Summer Sessions and the Department of Romance Languages and Literatures.
- Building R, 704 Twentieth Street. Laboratories of the Department of Zoology and classrooms.
- Building S, 712 Twentieth Street. Offices and studios of the Department of Public Speaking.
- Building T, 714-16 Twentieth Street. Offices and locker rooms of the Department of Physical Education for Women.
- Building W, 2024-26 H Street. Offices of the School of Engineering and the Department of Mathematics.
- Building X, 735 Twenty-first Street. Engineering testing laboratories, general laboratories, drafting rooms, and classrooms.

THE UNIVERSITY LIBRARY

The University Library, which comprises the General Library, the various divisional, departmental, and seminar libraries, the Medical Library, and the Law Library, contains more than 100,000 volumes.

The General Library includes, in addition to the general collection, the library of the late Professor Richard Heinzel, of the University of Vienna, which contains 7,200 books and pamphlets in Germanic philology

and literature and cognate branches; the library of the late Professor Curt Wachsmuth, of the University of Leipzig, which contains 7,000 books and pamphlets in Greek and Roman literature, archeology, and history; the Mount Vernon Alcove, which contains 4,000 volumes in political history, international law, and the social sciences; a representative collection of Spanish-American books, the gift of the Governments of Hispanic America; the Chauncey Mitchell Depew Public Speaking Library of approximately 500 volumes, the gift of Mrs. Chauncey M. Depew; and the library of the Division of Fine Arts, which contains over 2,000 volumes, mainly on architecture, and the Russell Sturgis collection of 7,500 mounted photographs. About 1,000 of these latter volumes constitute a collection made available by the American Institute of Architects, to whom the library is always accessible.

OTHER LIBRARY FACILITIES

Students have access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Carnegie Endowment for International Peace; the Library of the Pan American Union; the Library of the Bureau of Railway Economics; the Library of the United States Department of Agriculture, with its scientific departmental collections; the Library of the United States Office of Education; the Army Medical Library; the Library of the Smithsonian Institution; and many of the other great special collections of the Government Departments.

GOVERNMENTAL INSTITUTIONS ACCESSIBLE TO STUDENTS

In order to promote research and the diffusion of knowledge, the Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, That the facilities for research and illustration in the following and any other Governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:

- One. Of the Library of Congress.
- Two. Of the National Museum.
- Three. Of the Patent Office.
- Four. Of the Bureau of Education.
- Five. Of the Bureau of Ethnology.
- Six. Of the Army Medical Museum.
- Seven. Of the Department of Agriculture.

- Eight. Of the Fish Commission.
- Nine. Of the Botanic Gardens.
- Ten. Of the Coast and Geodetic Survey.
- Eleven. Of the Geological Survey.
- Twelve. Of the Naval Observatory.

HOURS OF INSTRUCTION

There are both morning and late afternoon sections in most courses of instruction, and many other courses are given in the morning and in the late afternoon in alternate years; thus students may take work during the forenoon and early afternoon or in the period between 5.10 and 7 p.m. according to their convenience. By taking the late afternoon, or the late afternoon and summer courses, and by extending the time of study beyond the customary four years, a student able to give only part time to college work may complete a curriculum and obtain a degree.

The courses of instruction, with the hours when the courses are offered, are listed in alphabetical order beginning on page 197.

ADMISSION

All departments of the University accept men and women.

Students may enter any School or Division of the University except the School of Medicine and the Law School at the beginning of either semester or either of the summer terms. Entrance to the School of Medicine is permitted only at the beginning of the first semester of the academic year. Entrance to the Law School is permitted at the beginning of either semester and at the beginning of the first summer term.

INFORMATION REGARDING ADMISSION

Students who wish to obtain information as to curricula or courses offered, and as to entrance requirements or procedure, are requested to write to, or confer with, the Director of Admissions, 2033 G Street NW., Washington, D.C.

Timely inquiry helps to avoid difficulties in meeting entrance requirements. Students contemplating the study of Medicine or Engineering are particularly urged to make early inquiry regarding entrance requirements. Likewise, students who are now enrolled in other higher institutions of learning, but who contemplate later transfer to this University as candidates for degrees, are advised to consult the Director of Admissions regarding courses in which they should register prior to transfer, as the possibility of loss of credit is thus minimized.

APPLICATION FOR ADMISSION

Students desiring admission should write for an application blank and should return it properly filled out. In addition to the information furnished on the application blank, applicants will request from each institution attended transcripts of records of scholastic work previously undertaken. The high-school principal or the college registrar in each case will mail the record direct to the Admissions Office of this University. The high-school record should be on the blank provided by this institution. It will be sent to the applicant at the time the application blank is forwarded. Except for premedical students, the transcript form of the college attended is usually accepted.

EVALUATION

As soon as all the applicant's credentials are filed, the eligibility for admission is determined and the applicant is notified. High-school work is considered only as fulfilling entrance requirements; it is never credited toward advanced standing. If the applicant has completed additional work of a college grade, such additional work may, under the rules of the

School or Division concerned, be credited toward the requirements of an appropriate curriculum in that School or Division. It should be remembered, however, that some college subjects may not count toward certain curricula which include but few electives.

REQUIREMENTS FOR ADMISSION

The following factors are considered in determining the eligibility of an applicant for admission:

1. The adequacy of previous academic work as preparation for the course of study now contemplated. This includes the amount and quality of work and the standing of the institution in which it was done.
2. The aptitude of the student if bent upon study for a profession.
3. The character of the student.

The University reserves the right to refuse admission to any student whose previous work has been of such grade as to create doubt of his ability to pursue college work successfully, or who for any other reason would not be a desirable student.

Detailed requirements for admission are stated in the announcements of the Schools and Divisions in this bulletin.

The Junior College.—A certificate of graduation from an accredited secondary school, with a minimum of fifteen "units", is required for admission to the Junior College. A unit represents a year's study in a secondary-school subject, including in the aggregate not less than 120 sixty-minute hours of prepared classroom work. Under the heading "Certificates", below, appears a statement of the conditions under which a certificate covering satisfactory units will be accepted. Immediately following are statements showing under what conditions a student will be required to take College Board Examinations and the George Washington University Examinations, respectively.

CERTIFICATES

Certificates will be accepted from accredited schools subject to the following conditions: (1) If the school is accredited by the Regional Association, the student must have attained a rank not lower than the fourth fifth of his class. (2) If the school is not on the Regional Association list, but has been accredited by the State Accrediting Agency, the student shall be required to have attained a rank in the upper two fifths of his class; if he has attained a rank below this, College Entrance Board Examinations or the George Washington University Entrance Examinations will be required for admission.

The Director of Admissions will, on application, furnish certificate blanks to the school principals. All records shall be certified on the blank provided by the University and must come directly to the Director of Admissions from the school concerned.

COLLEGE ENTRANCE BOARD EXAMINATIONS

Candidates for admission who furnish certificates of graduation from unaccredited high schools shall take the examinations in the entrance subjects offered by the College Entrance Examination Board. An applicant who fails to pass in at least fifteen units in the entrance examination will not be admitted.

The examinations of the College Entrance Examination Board are held each spring in Washington as well as in other centers. These examinations will be given in Washington at The George Washington University June 17-22, inclusive, and September 16-20, inclusive, 1935. Applications for the June examinations should be addressed to the College Entrance Examination Board, 431 West 117th Street, New York City; applications for the September examinations should be addressed to the University.

Students planning to take College Entrance Board Examinations should secure the definitions of requirements in subjects as published by the Board.

THE GEORGE WASHINGTON UNIVERSITY ENTRANCE EXAMINATIONS

Candidates for admission who present certificates of graduation from accredited schools but who have not attained the required rank in class, as described above, may request permission to take the George Washington University Entrance Examinations. Each applicant who satisfactorily passes these examinations will be admitted to the College, School, or Division of the University for which he or she is eligible.

There are two George Washington University Entrance Examinations: (1) a psychological college-ability examination; (2) an examination covering the principal high-school or preparatory-school subjects (English, History, Science, and Mathematics).

The George Washington University Entrance Examinations will be given for each session on the following dates. First semester 1935-36, Saturday, September 28, 1935; second semester 1935-36, Saturday, February 8, 1936. On both dates the examinations will be held from 9 a.m. to 12 and from 1 to 2.30 p.m.

ENTRANCE UNITS ACCEPTED

Subject to the special requirements of the premedical and Engineering curricula, it may be stated that such courses as are offered by accredited high schools toward their own certificates of graduation may be presented to meet the entrance requirements of this University. Students from unaccredited high schools should inquire of the College Entrance Examination Board (431 West 117th Street, New York City) for its published statement of the scope of the several fields in which it examines.

ADMISSION TO THE PREMEDICAL CURRICULUM

The several State Medical Boards govern the granting of licenses to practice; hence their requirements as to high-school credits must be met exactly. A high-school record from each high school attended (including junior high schools) must be filed, rather than a record from the last school only. The fifteen units required must include three in English, two in one foreign language, one in Algebra, one in Geometry, one in History, and one in Science. Eleven of the units offered must be in the above subjects. No candidate can be accepted with a condition in secondary-school work. (Should a student be admitted with a clear record to other than the premedical curriculum and complete college work acceptable toward that other curriculum, and then desire to enter premedical work, a deficiency in his secondary-school work would invalidate all college work previously taken. The deficiency would have to be cleared before proceeding with college courses that would apply toward the premedical-college requirements.) The premedical-college requirements must be fulfilled in all respects.

ADMISSION TO THE SCHOOL OF MEDICINE

The statements made above concerning premedical applicants apply directly to students who believe themselves ready to enter the School of Medicine. Graduation from the Junior College of this institution or attainment of junior standing in another college or university does not automatically admit to the School of Medicine.

ADMISSION TO THE SCHOOL OF ENGINEERING

The School of Engineering admits from high school on certificate as described above under the heading "Certificates". Twelve of the fifteen units required for entrance must be distributed as follows: three in English, two in one foreign language, two in Algebra, one in Plane Geometry, one half in Solid Geometry, one half in Plane Trigonometry, one in History, one in Physics, and one in Chemistry. A graduate of an approved high school who does not offer for admission the particular subjects required for the Engineering curriculum, but who does present not less than fifteen acceptable units, may be admitted on condition, if such deficiency in the distribution of units does not exceed two units.

ADMISSION TO COLUMBIAN COLLEGE (THE SENIOR COLLEGE) AND THE PROFESSIONAL SCHOOLS AND DIVISIONS

Two years of Junior College work leading to the Junior Certificate, or the lower-division work in institutions not organized on the junior-senior college plan, following a specified curriculum, meets the minimum requirements of Columbia College or the professional School to which ad-

mission is sought. In addition, however, scholarship requirements for admission may be set somewhat higher than those for the Junior Certificate. Thus a selective process of choosing the most promising students may be employed.

APPLICANTS FOR ADVANCED STANDING (TRANSFER STUDENTS)

A student who has previously attended other higher institutions and is an applicant for advanced standing must request the registrar of each such institution attended to send directly to the Admissions Office of this University a transcript of his record, even though credits were not earned, together with an honorable dismissal from the institution last attended. An evaluation of these records will be made in accordance with practice established by the School or Division to which entrance is sought. Properly certified courses of study taken in accredited colleges and universities may thus be applied toward a degree at this University. It is again emphasized, however, that certain courses completed with satisfactory grade at another college or university may not count toward a particular degree representing largely required courses and few, if any, elective ones.

CLASSIFICATION OF STUDENTS

REGULAR STUDENTS

Regular students are those who have met the entrance requirements or candidates for degrees.

UNIVERSITY STUDENTS

Persons of mature age, as specified in the rules of the Division of University Students, may be admitted to that Division to pursue courses for which they have had adequate preparation. In special instances, with the permission of the instructor, a person may register as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance. (See the announcement of the Division of University Students, pages 175-76.)

REGISTRATION

Before a student may be admitted to registration he must have satisfied the Admissions Office that he is qualified for entrance to the University (see "Admission", pages 48-52).

Registration is for the semester unless otherwise indicated on the registration paper. No registration is accepted for less than a semester or one summer term.

A student may not register concurrently in The George Washington University and another institution without the permission of the Dean or Director of the School or Division in which he is registered in The George Washington University. Allowance of credit for work done concurrently will be at the discretion of the Committee on Admission and Advanced Standing.

TIME AND PLACE OF REGISTRATION

Registration for the first semester will be conducted on September 21, 23, and 24, 1935. Registration for the second semester will be conducted on February 5 and 6, 1936. Registration for all Schools and Divisions of the University except the Law School will be conducted in Corcoran Hall, 725 Twenty-first Street NW., from 10 a.m. to 8 p.m. Registration for the Law School will be conducted in Stockton Hall, 720 Twentieth Street NW., from 10 a.m. to 8 p.m.

REGISTRATION PROCEDURE

Instructions for registration will be issued to each student at the time of registration. A student who has previously matriculated in the University but who has not been in attendance during the semester prior to registration, should file an application blank in advance of registration.

LATE REGISTRATION

For registration after September 24 in the first semester, and after February 6 in the second semester, a late-registration fee of \$5 will be charged. Registration in all courses for credit closes on October 8 for the first semester, and on February 20 for the second semester.

CHANGES IN REGISTRATION AND WITHDRAWALS

A student may not change or drop courses or change his status to that of auditor except with the permission of the Dean or Director of the School or Division in which he is registered, upon the presentation of adequate reasons for such change. A fee of \$2 will be charged for each such change. Changes from one section to another of the same course may be made

at any time with the permission of the Dean or Director of the School or Division concerned.

A student desiring to change his major subject should make application to his Dean or Director. In making such change all requirements specified in the course of study to which the change is made must be satisfied before graduation.

A student desiring to transfer from one College, School, or Division to another should make application to the Director of Admissions. Such change may be made only with the approval of the Deans concerned.

A student who is obliged to withdraw from the University during the semester must immediately report in person or in writing to the Dean or Director of the School or Division in which he is registered. No permission to withdraw from the University will be given to a student who has not a clear financial record (see "Fees and Financial Regulations", pages 55-59).

A student is liable for all charges for courses for which he has registered unless changes have been made with the approval of the Dean or Director, as stated above. Reporting the dropping of a course to an instructor does not effect its discontinuance.

FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted, effective at the beginning of the academic year 1935-36:

UNIVERSITY FEE

For each semester or for any part thereof.....	\$8.00
For the Summer Sessions.....	4.00
For auditors and for extension students for each registration*.....	2.00

TUITION FEES

In all undergraduate Schools and Divisions, for each semester-hour credit of courses taken.....	8.00
In the School of Medicine, per annum.....	484.00
In the Law School, for each semester-hour credit of courses taken..	8.00
The minimum charge for one semester is \$24.	
In the graduate departments, for each semester-hour credit of courses taken by students other than candidates for a Doctor's degree....	8.00
For candidates for the Doctor of Philosophy degree:	
For work leading to and including the Council-Fellowship examination†.....	240.00
For work leading to and including the final examinations†.....	240.00
For candidates for the Doctor of Education degree:	
For work leading to and including the general examination†.....	240.00
For work leading to and including the final examinations†.....	240.00

EXAMINATION FEES

For examinations to qualify for advanced courses, and for all special examinations, for each subject.....	5.00
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GRADUATION FEES

Wherein a degree is granted.....	20.00
Wherein a certificate is granted.....	10.00

FEE FOR BINDING MASTER'S THESIS..... 8.00

FEE FOR THE PROFESSIONAL THESIS IN THE SCHOOL OF ENGINEERING..... 50.00

An annual fee, one half, plus the University fee, payable in advance at the time of each registration.

FEE FOR PRINTING AND FILING SUMMARY OF DOCTORAL THESIS..... 50.00

SPECIAL FEES

Late-registration fee, charged all students who fail to register within the designated period.....	5.00
Reinstatement fee, charged students who are reinstated after suspension for delinquency in fees.....	5.00
Change fee, for each change in program after registration.....	2.00

* This fee does not entitle auditors or extension students to the general privileges to which the preceding fees entitle resident students.

† When a limited schedule is carried which extends the time of either the preparation period or the examination period to more than one year, the proportionate part of the charge may be fixed by the Comptroller.

THE UNIVERSITY FEE

Payment of the University fee, charged all students, secures to them the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of the University library facilities, except as otherwise designated; (4) gymnasium privileges and the use of the University playing fields; (5) admission to all athletic contests, unless otherwise specified; (6) the *University Hatchet*, the official University newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under the Department of Health Administration. page 243.

LABORATORY FEES AND DEPOSITS

Fees are charged in each course listed below as indicated. Material fees are charged by the semester and may be paid in three instalments when the tuition is paid in this manner. Breakage deposits are charged by the year and are due in full at the time of registration. Breakage of apparatus is charged against the individual student, and the amount paid in excess of breakage will be returned at the end of the year. Beaux Arts registration fees are charged by the semester and are due in full at the time of registration.

ART

Drawing-room fee, per semester:

Architecture 133-34.....	\$3.00
Design 105-6, 115-16, 125-26, 135-36, 165-66, 175-76.....	6.00
Drawing 7-8, 17-18, 107-8, 117-18, 127-28.....	3.00
Painting 109-10, 119-20, 129-30.....	3.00
Beaux Arts registration fee, for one or more of the following, per semester:	
Design 105-6, 125-26, 165-66.....	7.50

BIOLOGY

Material fee, per semester:

Biology 1-2.....	4.50
Biology 115-16, 128.....	6.00

BOTANY

Material fee, per semester:

Botany 1, 2, 135-36.....	4.50
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CHEMISTRY

Material fee, per semester:

Chemistry 4.....	4.50
Chemistry 111-12.....	6.00
Chemistry 11-12, 11X-12X, 21, 21X, 223-24, 225, 225X.....	9.00
Chemistry 41-42, 121-22, 135-36, 145-46.....	12.00
Breakage deposit, per annum, for one or more of the above courses, except Chemistry 4.....	10.00

In case the student's breakage totals more than this amount, he will be required to make an additional deposit.

CIVIL ENGINEERING

Drafting-room fee, per semester:

Civil Engineering 41, 42, 43-44, 150, 182, payable in advance.....	1.00
Civil Engineering 147-48.....	3.00

CIVIL ENGINEERING—Continued

Laboratory fee, per semester:

Civil Engineering 14, 149..... \$6.00

Surveying fee, per semester:

Civil Engineering 71-72..... 3.00

Civil Engineering 1, 102..... 6.00

ELECTRICAL ENGINEERING

Drafting-room fee, per semester:

Electrical Engineering 140, payable in advance..... 1.00

Laboratory fee, per semester:

Electrical Engineering 13-14, 17-18, 133-34, 141, 142..... 6.00

HOME ECONOMICS

Material fee, per semester:

Home Economics 23, 51, 72, 121, 140, 140X, 152, 160, 162, 171, 180..... 3.00

Home Economics 3, 3X, 101, 102..... 9.00

LIBRARY SCIENCE

Material fee, per semester:

Library Science 101-2, 161, 162, 171-72, 209-10..... 1.50

MECHANICAL ENGINEERING

Drafting-room fee, per semester:

Mechanical Engineering 3, 4, 7-8, 127-28..... 3.00

Laboratory fee, per semester:

Mechanical Engineering 115-16..... 6.00

PHARMACY

Material fee, per semester:

Pharmacy 21-22, 23-24, 101-2, 110, 151-52, 163, 166, 171-72, 174, 179-80, 183-84..... 3.00

Breakage deposit, per annum:

Pharmacy 110, 163, 166, 174..... 5.00

Pharmacy 21-22, 101-2, 179-80..... 10.00

PHYSICAL EDUCATION FOR WOMEN

Locker rental, for one or more of the following, per semester:

Physical Education 1-2, 11-12, 13, 14, 15-16, 109-10, 113-14, 116, payable in advance..... 1.00

PHYSICS

Material fee, per semester:

Physics 3, 11, 11X, 12, 13, 101, 102..... 4.50

Physics 133, 134, 135, 136..... 9.00

PSYCHOLOGY

Material fee, per semester:

Psychology 130, 134, 191-92..... 3.00

STATISTICS

Material fee, per semester:

Statistics 1..... 3.00

Statistics 102..... 4.50

ZOOLOGY

Material fee, per semester:

Zoology 1-2, 51-52, 55, 133-34..... \$4.50

Zoology 53, 56, 137, 156..... 6.00

PAYMENT OF FEES

All fees are payable at the Office of the Comptroller, 2033 G Street N.W. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each semester are due and payable in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, students registering for more than three semester-hours may sign contracts for semester charges, except for the University fee and deposits, permitting instalment payments as follows: First semester—one third at the time of registration, plus the University fee and deposits; one third on November 1; one third on December 1. Second semester—one third at the time of registration, plus the University fee and deposits; one third on March 1; one third on April 1. Students registering for three hours or less, and students in the School of Medicine, are not privileged to sign contracts for instalment payments.

Students who fail to meet instalment payments by the sixteenth of the month will be suspended and may not attend classes until they have paid all accrued fees, a reinstatement fee of \$5, and have been officially reinstated. A suspended student may not be reinstated for the semester after two weeks from the date of suspension. Applications for reinstatement are to be made to the Dean of the School or Director of the Division in which the student is registered.

No student may register in any department of the University who owes fees in any other department of the University.

Auditors pay all fees chargeable to students registered for credit except the late-registration fee.

WITHDRAWALS AND REFUNDS

Applications for withdrawal from the University or for changes in schedule must be made in person or in writing to the Dean of the School or the Director of the Division in which the student is registered. Notification to an instructor is not an acceptable notice.

In authorized withdrawals and changes in schedules financial adjustments will be made on the principle of the three instalments a semester, as follows:

First semester: Withdrawals dated on or before October 31, cancellation of the second and third instalments; withdrawals dated on or before November 30, cancellation of the third instalment; no refunds or rebates will be allowed on withdrawals dated subsequent to November 30.

Second semester: Withdrawals dated on or before February 28, cancellation of the second and third instalments; withdrawals dated on or before March 31, cancellation of the third instalment; no refunds or rebates will be allowed on withdrawals dated subsequent to March 31.

In no case will any part of an initial instalment of tuition be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

Any student in Chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, shall forfeit the balance of his deposit. Students dropping a course before the end of the semester are urged to check out at once.

No permission to withdraw and no certificate of work done will be given a student who has not a clear financial record.

FELLOWSHIPS, SCHOLARSHIPS, PRIZES, LOANS

FELLOWSHIPS

The following fellowships are available in the University. Forms on which to make application for these fellowships will be supplied, on request, by the Registrar of the University. Having been properly filled out, they should be submitted for consideration not later than March 1 of any year for the academic year beginning the following September.

Isabella King Research Fellowship.—A fellowship of the value of \$1,200 annually is offered in Biology. It is open to candidates holding the Bachelor's degree and is intended to foster research for which the libraries and scientific establishments in Washington offer special facilities.

Eli Lilly Fellowship.—This fellowship in Biochemistry in the amount of \$800 and tuition is maintained by Eli Lilly & Co. for research in insulin.

Thomas Bradford Sanders Fellowships.—These fellowships and scholarships were established by Miss Addie Sanders in memory of her late brother, Thomas Bradford Sanders. They are offered in the following departments, each with a stipend of \$600 in addition to tuition: Chemistry, three fellowships; Economics, two fellowships; History, one fellowship; Physics, two fellowships; Psychology, one fellowship.

SCHOLARSHIPS

Student scholarships are administered by the University Committee on Student Loans and Scholarships. Application for scholarships must be made on forms which may be obtained from the Comptroller of the University and must be filed in the Office of the Comptroller not later than May 15 preceding the academic year for which the scholarship is to be awarded. Scholarships are awarded for one year, unless otherwise specified. They may be renewed. Further information may be obtained from the Comptroller of the University.

Byron Andrews Scholarships.—Two scholarships in the amount of \$100 each, founded by Mrs. Belle Fisk Andrews in memory of her husband, the late Byron Andrews, are available "for ambitious and needy students, who desire to pursue courses in English, Latin, Journalism, History, Literature, or Political Science."

Emma K. Carr Scholarships.—These scholarships, founded in 1932 by Mrs. Emma K. Carr, are awarded annually to "young men (of the white race) for undergraduate or postgraduate work, considering character, capacity, and need", and number as follows: one in the amount of \$500, three in the amount of \$240, and seven in the amount of \$100. In making the awards preference is given to applicants with at least one year's attendance at this University. The holders must maintain in their studies an average grade of B or better.

Henry Harding Carter Scholarships.—These four scholarships, founded in 1896 by Mrs. Maria M. Carter in memory of her husband, Henry Harding Carter, are of the annual value of \$50 each and may be awarded to deserving students who are preparing for the civil-engineering profession.

Maria M. Carter Scholarship.—This scholarship, in the amount of \$40 to be awarded annually to a young man, was given to the University in 1871 by Mrs. Maria M. Carter.

Citizens' Military Training Camps Scholarship.—The University awards each year, through the Citizens' Military Training Camps of the Third Corps Area, a scholarship carrying tuition (this does not include the University fee, laboratory fees, or deposits) for one year in any one of the undergraduate departments. The award is made on the recommendation of the Camp officers.

Isaac Davis Scholarship.—This scholarship, in the amount of \$40 to be awarded annually, was given to the University in October 1869 by the Honorable Isaac Davis, Governor of Massachusetts. Nominations for the scholarship may be made "by the founder or his eldest lineal descendant." In case no such nomination is made, the scholarship is to be awarded by the University.

Robert Farnham Scholarship.—This scholarship, in the amount of \$40 to be awarded annually to a student in Columbian College, was given to the University in 1871 by Mrs. Robert Farnham.

Elma Lewis Harvey Scholarship.—This scholarship, of the annual value of \$200, was founded in 1921 by Mrs. Emma Elizabeth Harvey, in memory of her daughter, and is to be awarded every four years, or as often as vacant, to a young woman student in Columbian College of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

High-School Scholarships.—University scholarships are assigned for award to the following schools: Eastern, McKinley, Roosevelt, and Western High Schools of the District of Columbia; the Alexandria (Virginia) High School; the Bethesda-Chevy Chase (Maryland) High School; the Washington-Lee (Virginia) High School, and the George Mason (Virginia) High School. The *Amos Kendall Scholarship*, founded by the late Honorable Amos Kendall, is assigned for award to the Central High School of the District of Columbia. These scholarships are awarded annually, on the recommendation of the faculties of the respective schools, to a member of the graduating class who intends to enter the Junior College and continue in Columbian College. A principal and an alternate may be recommended.

The holders of these scholarships are exempt from tuition fees, the Summer Sessions excepted, but are charged the University, laboratory, graduation, and other fees. The scholarships are valid for four contin-

uous academic years following the award, subject to the conditions stated herein. The principal, or, if the principal declines, the alternate, must register during the registration period for the fall term following the award. To retain any high-school scholarship a student must carry a full program of study (a full program being defined as at least fifteen hours of work each semester), unless otherwise determined in individual cases by the Committee on Student Loans and Scholarships upon recommendation of the Dean of the School or Division concerned. An average of *B* and a high standard of deportment must be maintained.

John Hitz Metzertott Scholarship.—This scholarship in the amount necessary to cover tuition charges, exclusive of special fees, was established in 1923 in memory of John Hitz Metzertott, M.D. '91, by members of his family, and is to be awarded every six years, or as often as vacant, to a young man preparing to enter the medical profession. The donors reserve the right to nominate the holder of this scholarship. The holder of the scholarship may be a student pursuing a premedical course in the Junior College or the professional course in the School of Medicine.

A. Morehouse Scholarship.—This scholarship was founded by Mr. A. Morehouse, of Washington, D.C., in 1861. It carries an annual stipend of \$60 which is available for an undergraduate intending to enter the Christian ministry.

David Spencer Scholarship.—This scholarship, established in 1918 by Louisa J. Spencer, is available to the descendants of David and Elizabeth Spencer under conditions stated in the bequest.

Mary Lowell Stone Scholarship.—This scholarship, founded in 1893 in memory of Mary Lowell Stone, is in the amount of \$80 to be awarded annually to a woman student of science in Columbian College.

William Walker Scholarship.—This scholarship was founded in 1824 by William Walker, Esq., of Putnam County, Georgia. It carries an annual stipend of \$100 which is available for an undergraduate intending to enter the Christian ministry.

John Withington Scholarship.—This scholarship was founded in 1830 by the New York Baptist Theological Seminary, to be known as the John Withington Scholarship. It has an annual stipend of \$60.

Ellen Woodhull Scholarship.—This scholarship was founded by the late Ellen M. E. Woodhull and is in the amount of \$25 to be awarded annually to a student in Columbian College.

THE COLUMBIAN WOMEN SCHOLARSHIP FUNDS

The Columbian Women Scholarships, granted under any of the funds hereinafter described, are awarded by the Scholarship Committee of The Columbian Women. Applications for The Columbian Women Scholarships should be addressed to the Chairman of the Scholarship Committee,

The Columbian Women, The George Washington University, Washington, D.C., not later than May 15 preceding the academic year for which the scholarship is to be awarded; or in case of awards for the second semester, not later than January 1.

Nellie Maynard Knapp Scholarship Fund.—The income from this fund of \$5,000, established in 1915 by The Columbian Women in memory of a former president, Mrs. Martin A. Knapp, is available for scholarships for women.

Founders of Columbian Women Scholarship Fund.—The income from this fund of \$5,000, established in 1920 by The Columbian Women, is available for scholarships.

Lillian Young Herron Scholarship Fund.—The income from this fund of \$5,000, established by The Columbian Women in 1925 and named in 1930 in memory of a former president, is available for scholarships.

Elizabeth V. Brown Scholarship Fund.—This fund of \$1,200 was established in 1925 by the College Women's Club of Washington, D.C., in memory of the late Elizabeth V. Brown. The scholarship granted thereunder is available for a woman student in the School of Education.

College Women's Scholarship Fund.—The income from this fund of \$500, established in 1926 through the courtesy of the College Women's Club of Washington, D.C., is available for scholarship aid.

Lewes D. and Myrtie H. Wilson Memorial Scholarship Fund.—This fund of \$1,000 was established by Miss Elizabeth Wilson in 1926 as a memorial to her parents, Lewes D. and Myrtie H. Wilson. The income is available for a scholarship in the School of Medicine.

Grace Ross Chamberlin Scholarship Fund.—The income from this fund of \$1,500, established in 1932 by The Columbian Women in honor of a former president, is available for scholarship aid.

PRIZES

Alpha Chi Sigma Prizes.—Alpha Pi Chapter of Alpha Chi Sigma Fraternity offers annually the following prizes:

A "Handbook on Chemistry and Physics" is awarded to each of the three male students who carry at least eighteen semester-hours during the freshman year and attain the highest averages in freshman Chemistry.

The fraternity will have engraved on a bronze plaque in Corcoran Hall the name and year of graduation of the graduating male student who has attained the highest quality-point index in Chemistry subjects, exclusive of the work of the final semester, provided that he has completed the requirements for a major in Chemistry and has done three-fourths of this work in The George Washington University.

Alpha Delta Pi Prize.—Alpha Pi Chapter of Alpha Delta Pi Fraternity offers an annual prize of \$10 to the student doing the best work in third-year French.

Alpha Delta Theta Prize.—A prize of \$10 is offered annually by Alpha Delta Theta Sorority to the woman student who maintains the highest average in Chemistry 11-12 or 12 and 21.

Alpha Kappa Psi Prize.—Beta Mu Chapter of Alpha Kappa Psi Fraternity awards annually a scholarship medallion to the male student who has completed ninety semester-hours at The George Washington University and has attained the highest average grade of the students enrolled in Economics, Business Administration, Public Accounting, Public Finance, and Foreign Commerce.

Chi Omega Prize.—Phi Alpha Chapter of Chi Omega Fraternity offers annually a prize of \$25 to be awarded to the woman student in the graduating class with the highest record in the social sciences combined with general excellence. The social sciences include Economics, Sociology, Political Science, and History.

Colonial Dames Prize.—The Society of the Colonial Dames of America, Chapter III, offers annually a gold medal for general excellence in colonial history as shown by class standing and special essays.

E. K. Cutter Prize.—The E. K. Cutter Prize in English was founded by the late Marion Kendall Cutter "for excellence in the study of English." An annual prize of \$40 is awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude and attainment in English studies.

Daughters of the American Revolution Prize.—This prize, founded by the Daughters of the American Revolution of the District of Columbia, consists of a gold medal which is awarded annually to a student in Columbian College, the School of Government, or the School of Education who shall write the best essay on American history of the period between 1774 and 1788.

Isaac Davis Prizes.—The Davis Prizes were founded by the Honorable Isaac Davis, of Massachusetts, in 1847, and they are awarded annually to such members of the Senior Class as shall have made the greatest progress in Public Speaking since their connection with the University. The prizes are as follows: first prize, \$15; second prize, \$10; third prize, \$5.

The Davis Prize Speaking is held on the third Tuesday in November. The award of these three prizes is determined by a public-speaking contest in which the participants deliver original orations. Only members of the Senior Classes who are candidates for the degree of Bachelor of Arts or Bachelor of Science are eligible to compete. Students wishing to enter the competition should report to the Executive Officer of the Department of Public Speaking not later than three weeks before the contest and should submit their orations not later than two weeks before the contest. The prizes are awarded by a committee of three members, appointed by the Department of Public Speaking.

William Thornwall Davis Prize.—This prize, offered by Dr. William

Thornwall Davis and consisting of a current monograph or set of monographs dealing with the field of Ophthalmology, is awarded annually to the student doing the most outstanding work in Ophthalmology.

Delta Sigma Rho Prizes.—Delta Sigma Rho offers annually two cups to be awarded to the winning fraternity and sorority teams in the Intramural Debate.

Delta Tau Delta Activity Prize.—Gamma Eta Chapter of Delta Tau Delta Fraternity offers each year a gold medal to be awarded to "that member of the Senior Class who throughout his course at The George Washington University has done the most constructive work in the furtherance and upbuilding of the University Student Activities."

Delta Zeta Prize.—Delta Zeta Sorority offers annually a prize of \$10 to be awarded to the student maintaining the highest average in General Botany.

Ellsworth Prize.—The Ellsworth Prize of \$25, offered by Mr. Fritz v. Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

Elton Prize.—The Elton Prize, founded by the Reverend Romeo Elton, D.D., of Exeter, England, consists of \$10 awarded annually to the senior student having the highest average in the Greek language and literature.

Willie E. Fitch Prize.—The Willie E. Fitch Prize for highest excellence in all branches of Chemistry, founded in 1883 by James E. Fitch, Esq., in memory of his son, consists of \$40 which is awarded annually to a senior student for the best general examination in Chemistry.

Edward Carrington Goddard Prize.—This prize, consisting of a gold medal, was founded in 1924 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Edward Carrington Goddard, class of '81, and is awarded to the junior or senior student making the highest average in the French language and literature.

James Douglas Goddard Prize.—This prize, consisting of a gold medal, was founded in 1924 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of James Douglas Goddard, class of '01, and is awarded to the senior student making the highest average in Pharmacy.

Morgan Richardson Goddard Prize.—This prize, consisting of a gold medal and \$25, was founded in 1924 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Morgan Richardson Goddard, and is awarded to the junior or senior student making the highest average in the following fields: Economics, Business Administration, Foreign Commerce, and Public Accounting.

Samuel Herrick Prize.—A prize of \$25, founded by Samuel Herrick, Esq., is awarded annually to that member of the graduating class in the

Law School (excepting the winner of the John Bell Larner gold medal), who has attained the highest average grade in the work of the third year.

Hourglass Prize.—This prize, consisting of a silver cup, is awarded annually to the woman student in the Sophomore Class having a scholarship average of *B* or higher and the most outstanding record in activities.

Gardiner G. Hubbard Memorial Prize.—This prize of \$40 was established in 1907 by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard, and is awarded annually to that member of the graduating class who has during four years maintained a high standing in the several classes in History and who has produced the best essays upon subjects based upon a study of some assigned period of American history.

Henry E. Kalusowski Prizes.—The District of Columbia Pharmaceutical Association offers two prizes of \$50 each to the junior and senior students in the School of Pharmacy maintaining the highest average in all subjects in their respective classes.

Kappa Delta Prize.—Kappa Delta Sorority offers annually a silver loving cup to that girl of the Freshman Class who, in her first year, attains the highest scholastic average in not less than twenty-four semester-hours of work.

Kappa Kappa Gamma Prize.—Kappa Kappa Gamma Sorority offers annually a prize of \$10 to the full-time freshman having the best record in Botany 1 and 2.

John Bell Larner Prize.—This prize, established by the bequest of John Bell Larner, consists of a gold medal which is awarded annually to that member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

John Ordronaux Prizes.—These prizes were established in 1909 by the bequest of John Ordronaux.

The amount of \$100 is awarded to the member of the graduating class in the School of Medicine who has the highest scholastic standing.

The amount of \$50 is awarded annually to the student in the Law School who has attained the highest average grade in the first-year, full-time, regular course; and \$50 to the student who has attained the highest average grade in the second-year, full-time, regular course.

Phi Delta Prize.—Zeta Chapter of Phi Delta Sorority offers annually a gold medal to the outstanding freshman student in elementary Zoology.

Pi Beta Phi Prize.—A prize of \$20 is awarded annually by the District of Columbia Alpha Chapter of Pi Beta Phi Fraternity to that woman member of the Senior Class who throughout her college course has done the most constructive work in the promotion of student activities among the women of the University.

Ruggles Prize.—The Ruggles Prize, founded by Professor William

Ruggles in 1859, consists of \$20 awarded annually to a candidate for a baccalaureate degree for excellence in Mathematics.

Sigma Delta Phi Prize.—Sigma Delta Phi presents annually a silver cup to the winner of the oratorical contest which is open to all freshmen.

Sigma Kappa Prizes.—Zeta Chapter of Sigma Kappa offers the following prizes: An annual prize of a set of books of the value of \$10 is awarded to the student passing the best examination in the year's work in English Rhetoric. A prize of \$10 is awarded to the student who passes the best examination in freshman Chemistry.

Staughton Prize.—The Staughton Prize, founded by the Reverend Romeo Elton, consists of \$10 awarded annually to the senior student making the best record in the Latin language and literature.

James MacBride Sterrett, Jr., Prize.—This prize, founded in 1911 by the late Professor James MacBride Sterrett in memory of his son, consists of a gold medal awarded annually to that student who obtains the highest average in the course in General Physics.

Thomas F. Walsh Prize.—This prize, established by Thomas F. Walsh, consists of a gold medal awarded annually to that student of the graduating class who, having maintained a high standard in the several courses in History, shall produce the best essay upon a designated period of the history of England in its association with the history of Ireland.

Alexander Wilbourne Weddell Prize.—From a fund established in 1923 by Mrs. Virginia Chase Weddell, an annual prize of \$200 is awarded to a student of the University, who is registered for a degree, for the best essay on the subject of "the promotion of peace among the nations of the world." The prize essays shall become the property of the University and shall not be printed or published without the written consent of the University. The University reserves the right to withhold the award if no essay attaining the required degree of excellence is submitted.

LOAN FUNDS

Loan funds are administered by the University Committee on Student Loans and Scholarships. Applications upon the required forms should be filed in the Office of the Comptroller at least ten days before the first day of registration in the case of the University Loan Fund, and at least two weeks before in the case of loans from other sources. Loans will be limited to the amount required for tuition in each case. Borrowers will sign notes for the amount borrowed. The terms of repayment of interest and principal will be arranged at the time of making the loan. No candidate will be approved for graduation if he is delinquent in a loan obligation incurred for educational purposes either at The George Washington University or elsewhere.

University Student Loan Fund.—The Trustees of The George Washington University have established a loan fund amounting to \$10,000.

Daughters of the American Revolution Loan Fund.—The District of Columbia Chapters of the Daughters of the American Revolution have established a student loan fund, from the income from which interest-bearing loans will be made to the daughters of members of the Daughters of the American Revolution in the District of Columbia. At present the fund amounts to \$2,498.99.

Henry Strong Educational Foundation.—The Henry Strong Educational Foundation, established at Chicago under the will of General Henry Strong, makes an annual allotment to the University of \$300 for loan scholarships, available for use of men and women students under the age of twenty-five years, preferably in the upper classes, possessing not only zeal for leadership but also character and those traits tending to leadership, to aid them in obtaining a practical, literary, scientific, mechanical, or business education. The amount available for the year 1935-36 is \$1,500.

Henry Strong-William A. Maury Loan Fund.—This fund, amounting to \$300 a year, is also allocated from the funds of the Henry Strong Educational Foundation, to be loaned to students under the age of twenty-five years in The George Washington University Law School. The amount available for 1935-36 is \$1,500.

Knights Templar Educational Loan Fund.—This fund is contributed and administered by the Grand Commandery of Knights Templar of the District of Columbia and is available for loans to students, preferably in the upper classes, who are residents of the District of Columbia. The amount loaned to a student is limited to \$200, and the terms of repayment are specially arranged in each instance by the Loan Committee of the Knights Templar.

Pharmacy Loan Fund.—This fund of \$150, established in 1932 by the Washington Chapter No. 4 of the Women's Organization of the National Association of Retail Druggists, is available to students in the School of Pharmacy. Application should be made to the Dean of the School.

REGULATIONS

A student enrolled in the University is required to conform to the general University regulations and to comply with the rules and regulations of the College, School, or Division in which he is registered.

ATTENDANCE

Students are not permitted to attend classes until registration has been completed and fees due have been paid. Regular attendance is required except in the case of students registered for courses under the independent study plan. For undue absence in any class a student may be dropped from the class. Tuition charges are made on a semester basis, and in no case will tuition be refunded or reduced because of nonattendance upon classes.

Students who have been suspended, either for delinquency in payment of fees or for any other reason, are not permitted to attend classes during the period of suspension.

NONCONTINUOUS ATTENDANCE

Students absent for one semester or more may reenter and continue their work only under the rules and regulations in force at the time of their return.

For further regulations regarding attendance, consult the announcements of the several Schools and Divisions.

PHYSICAL EDUCATION REQUIREMENTS

Regular freshman and sophomore courses in Physical Education are arranged for men and women students in the Junior College and the School of Engineering.

These courses in Physical Education are required of all freshman and sophomore students. However, students taking less than three subjects, and students who, because of regular employment during the day (or for other reasons satisfactory to the Dean), must take all their classes in the late afternoon hours, are exempt from the requirements in Physical Education.

Exemption from the requirements in Physical Education for reasons of a physical nature is conditioned on the recommendation of the University medical staff to the Executive Officer of Physical Education in the department concerned. This applies equally to men and women.

Students entering the University with advanced standing are not exempt from the Physical Education requirement unless they have satis-

factorily met the requirement elsewhere. Courses in military training are not accepted in satisfaction of this requirement.

The required medical and physical examinations will be given September 27 and 28, 1935.

SCHOLARSHIP REQUIREMENTS

A student who fails to maintain the scholarship requirements of the School in which he is registered may be placed on probation or dropped from the University.

ELIGIBILITY FOR STUDENT ACTIVITIES

In order to be eligible to represent the University in any intercollegiate nonathletic activity a student must be a regularly enrolled candidate for a degree, registered for at least nine hours, and not on probation. In order to participate in other student activities a student must be registered for at least two courses and not on probation.

A detailed statement of the regulations governing participation in intercollegiate athletic contests may be secured from the Secretary of the Faculties.

Before a student may participate in any activity he must be certified as eligible by the Registrar of the University as Secretary of the Faculty Committee on Eligibility. The Faculty adviser in charge of each activity shall submit to the Registrar a list of all student candidates for participation in that activity. For the purpose of determining eligibility under these rules, a student's quality-point index will be calculated at the end of each semester, irrespective of the amount of work carried.

EXAMINATIONS

Examinations are scheduled in all courses at the end of each semester or at the completion of the course.

Students guilty of dishonesty in examinations may be deprived of credit for the courses in which dishonesty occurs and suspended from the University.

For further regulations regarding examinations, consult the announcements of the several Schools and Divisions.

GRADES

Grades are not given out by instructors but are mailed to the student through the Office of the Registrar at the close of each semester. Upon request, a copy of the student's grades will be forwarded to his parent or guardian.

The following grading system is used in all undergraduate divisions of the University: *A* (90-100 per cent), excellent; *B* (80-89 per cent), good; *C* (70-79 per cent), average; *D* (60-69 per cent), passing; *F*, con-

ditioned, not passing; *F* (below 60 per cent), failure; *Inc.*, incomplete; *W*, withdrawn. *W* is followed by a letter grade indicating the quality of work the student was doing at the time of withdrawal. The grade of *F* (failure) will be given in a course dropped without the permission of the Dean or Director. A course failed must be repeated with a passing grade in order to be credited. A condition may be removed within one year on terms specified by the instructor, but in no case will a final grade above *D* be given, unless the course is repeated in class. A grade of "incomplete" cannot be altered after the lapse of one calendar year except by Faculty action.

In all graduate divisions of the University, grades are indicated as "satisfactory", "unsatisfactory", or "incomplete".

For the grading system of the Law School and the School of Medicine, see the explanations in the announcements of those Schools.

QUALITY-POINT INDEX

Quality-points are computed from grades as follows: *A*, four points; *B*, three points; *C*, two points; *D*, one point; *E*, no points; *F*, minus one point, for each semester-hour for which the student has registered.

A semester-hour represents one recitation, lecture, or laboratory period a week for one semester. The number of semester-hours of credit given for each course is indicated in parentheses following the name of the course in the statement under "Courses of Instruction", pages 197-315.

Scholarship is computed in terms of the quality-point index obtained by dividing the number of quality-points by the number of semester-hours for which the student has registered, both based on the complete collegiate record. Courses marked *W* or *Inc.* are not considered in determining the index.

The successful repetition of a course in which a grade of *F* was received removes the minus quality-points involved, and the appropriate quality-points for the grade received are assigned.

CREDIT

Credit toward a degree is given only after regular registration for and satisfactory completion of the required work of classes in the University, or upon the granting of advanced standing in accordance with the regulations of the several Schools and Divisions.

On request the Registrar will furnish to students balance sheets showing the amount of work completed and the amount necessary to complete the requirements for a degree.

GRADUATION REQUIREMENTS

To be recommended for graduation a student must have met the admission requirements of the School or Division in which he is registered,

have completed satisfactorily the residence, scholarship, and other requirements for the certificate or degree for which he is registered, and be free from all indebtedness to the University.

Application for Graduation.—Application for a degree or a Junior Certificate should be filed in the Office of the Registrar at the time of registration for the first semester of the senior or final year and may not be filed later than the date specified in the University calendar.

Residence Requirements.—In all undergraduate divisions of the University a minimum of one year, or thirty semester-hours, must be completed in residence. Summer Sessions work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the Dean of the School or Director of the Division concerned to pursue work elsewhere, the work of the senior or final year must be completed in residence.

Graduate students must meet the residence requirements for the particular degree for which they are registered.

Scholarship Requirements.—In all undergraduate divisions of the University the scholarship requirement for graduation is a quality-point index of at least 2.00.

Graduate students must meet the scholarship requirements for the particular degree for which they are registered.

Attendance and Conduct.—The University reserves the right of refusing to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

Presence at Graduation.—Candidates are required to be present at the graduation exercises unless excused by the President of the University upon the recommendation of the Dean of their College or School or the Director of their Division.

HONORS

In all undergraduate divisions of the University the degree may be conferred "with distinction", at the discretion of the Faculty, upon those students attaining a quality-point index of 3.50 or higher. To be eligible for this honor a student must have completed at this institution at least one half of the work required for the degree.

SPECIAL HONORS

Special honors may be awarded by the Faculty to members of the graduating class for outstanding achievement in the student's major field of work on recommendation of the major department under the following regulations:

1. The student shall have his candidacy for special honors approved by the Faculty member representing the major department not later than the beginning of the senior year.

2. The candidate shall meet such other conditions as the major department may set at the time the student's candidacy is approved.

3. No student shall be awarded special honors unless he has a quality-point index of at least 3.00 on all work taken at this institution except for the grades immediately preceding the granting of the degree. To be eligible for this honor a student must have completed at this institution at least one half of the work required for the degree.

FORMAL REQUIREMENTS FOR THESES

Theses submitted in part satisfaction of requirements for the Master's degree, the professional degrees in Engineering, the degree of Doctor of Education, and the degree of Doctor of Philosophy must be presented in their final form to the Dean or Director of the School or Division concerned not later than the date specified in the University calendar. Three copies of each thesis are required, one typewritten original and two legible carbon copies; they should be written on the official thesis paper which is obtainable at the University storeroom in Stockton Hall, and should be unbound. The title page must be in the following form:

(title of thesis)

By (full name of candidate)

(degrees held, with dates of conferment and names of conferring institutions)

A thesis submitted to the Faculty of the (name of the College, School, or Division) of The George Washington University in part satisfaction of the requirements for the degree of (name of degree).

(date of Convocation at which the degree is to be conferred)

Accepted theses, with accompanying drawings, are the property of the University and will be deposited in the University Library, where the duplicate copies will be bound and made available for circulation.

Special requirements regarding theses are stated in the announcements of the Colleges, Schools, and Divisions.

TRANSFER OF RECORDS

Official transcripts of student records will be forwarded on request to other institutions. Unofficial copies of records will be furnished to students on request. No charge is made for the first three transcripts; a fee of one dollar is charged for each one thereafter. No certificate of work done will be issued for a student who does not have a clear financial record.

THE LIBRARY

All students registered in the University are entitled to the reference use of all the University Libraries. The Student Activities Book, issued upon payment of the University fee, must be presented as identification.

The Law and Medical Libraries are reference libraries. Subject to certain necessary library regulations, students may withdraw books from the General Library for home use. Any book which does circulate is subject to recall by the Librarian and must be returned immediately upon receipt of a recall notice. A record is not clear as long as there is an overdue charge for books against a student, and the failure to return them will be referred for action to the Dean of the College in which the student is registered and to the Comptroller of the University.

HOURS

The General Library, in Lisner Hall, Building K, 2023 G Street, is open from 8.30 a.m. to 10.30 p.m. each class day (Saturday, 8.30 a.m. to 8 p.m.), and from 2 to 6 p.m. on Sunday.

The divisional library of the Departments of Chemistry, Engineering, Mathematics, Pharmacy, and Physics, in Corcoran Hall, Building Y, 725 Twenty-first Street, room 15, is open from 8.30 a.m. to 10.30 p.m. each class day (Saturday, 8.30 a.m. to 7 p.m.).

The Fine Arts library, Building F, 2101 G Street, is open from 10 a.m. to 5 p.m. and from 7 to 11 p.m. each class day.

The Botany, Library Science, Public Speaking, and Zoology departmental libraries and the Hispanic-American collection are accessible through the Librarian's Office

The Law Library, in Stockton Hall, Building U, 720 Twentieth Street, is open from 9 a.m. to 11 p.m. each class day (Saturday, 9 a.m. to 7 p.m.), and from 2 to 6 p.m. on Sunday.

The Medical Library, at 1335 H Street, is open from 8.30 a.m. to 4.30 p.m. each class day (Saturday, 8.30 a.m. to 1 p.m.).

RIGHT TO DROP STUDENTS

The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty deems it advisable to do so.

STUDENT LIFE

LIVING ACCOMMODATIONS

For the benefit of nonresident students registers of rooms which have been inspected and approved are kept in the office of the Director of Women's Personnel Guidance, where inquiries in respect to housing facilities should be addressed. Single rooms usually range in price from \$15 to \$25 a month, and double rooms from \$10 to \$20 a month a person. Rooms with board, including breakfast and dinner, cost from \$35 to \$45 a month a person.

It is advisable for students to reach the University two or three days before the opening of the term in order that they may become established in satisfactory living quarters before class work begins.

Plans for the Strong Residence Hall for women are now in preparation.

WOMEN STUDENTS

All women students under twenty-three years of age must have their residences approved by the Director of Women's Personnel Guidance, unless they are living with family or relatives. Registration is not complete until such approval is given.

PLACEMENT OFFICE

The Placement Office is maintained to assist graduates and students in finding positions for which their college work has prepared them, and to cooperate with employers who wish to fill vacancies. Enrolment is open to alumni members and students of the University without charge for placement.

For further information address the Placement Office, The George Washington University, Washington, D.C.

STUDENT EMPLOYMENT

An employment service is operated to assist self-supporting students in finding employment. The University offers every possible assistance, but success in self-support depends upon the student himself.

Prospective students who expect to earn any part of their expenses and who do not have definite appointment to positions before coming to Washington, should have the means of support for at least one semester. A minimum budget of \$100 a month is recommended.

Many out-of-town students secure positions in the Departments of the Government in Washington by taking the United States Civil Service examinations in their home States. The hours of employment permit them to pursue a college course in the late afternoon.

HEALTH ADMINISTRATION

The University maintains a staff of medical officers and a hospital.

The payment of the University fee entitles the student to certain health services described under the Department of Health Administration, page 243.

STUDENT ACTIVITIES

Control and direction of all student activities are vested in the Committees on Extracurricular Activities, which in turn are subject to the supervision and control of the President's Council.

ASSEMBLIES

Chapel exercises are held on Friday of each week at 12.10 p.m. in Corcoran Hall.

University Assemblies are held from time to time. The attendance of students may be required.

Occasional assemblies for freshman women are held on Wednesdays at 12.10 p.m. in Corcoran Hall. The attendance of all freshman women is required.

PROPERTY RESPONSIBILITY

The University is not responsible for the loss of personal property belonging to students in any University building.

RESERVATION OF RIGHT TO CHANGE RULES

The University and its various Colleges, Schools, and Divisions reserve the right to modify or change the requirements, rules, and fees of the University. Such regulations shall go into force whenever the proper authorities may determine and shall apply to all students in the University.

For further information, catalogues, and application blanks, address the Director of Admissions, The George Washington University, 2031 G Street NW., Washington, D.C.

THE COLLEGES, SCHOOLS, AND DIVISIONS

THE JUNIOR COLLEGE

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*

William Crane Johnstone, Jr., Ph.D., *Dean of the Junior College.*

STAFF OF INSTRUCTION

Thomas Benjamin Brown, Ph.D., *Professor of Physics.*

Henry Grattan Doyle, A.M., *Professor of Romance Languages.*

Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration.*

Robert Whitney Bolwell, Ph.D., *Professor of American Literature.*

Walter Lynn Cheney, Ph.D., *Professor of Physics.*

James Ebenezer Pixlee, B.S., *Professor of Physical Education for Men.*

Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking.*

Elmer Louis Kayser, Ph.D., *Professor of History.*

Donnell Brooks Young, Ph.D., *Professor of Zoology.*

Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women.*

Frank Mark Weida, Ph.D., *Professor of Statistics.*

Warren Reed West, Ph.D., *Professor of Political Science.*

Harold Griffith Sutton, M.S., *Associate Professor of Finance.*

Anna Pearl Cooper, A.M., *Associate Professor of English.*

Merle Irving Protzman, A.M., *Associate Professor of Romance Languages*

John Albert Tillema, Ph.D., LL.M., S.J.D., *Associate Professor of Political Science.*

Francis Edgar Johnston, Ph.D., *Associate Professor of Mathematics.*

Lowell Joseph Ragatz, Ph.D., *Associate Professor of History.*

Frances Kirkpatrick, A.M., *Associate Professor of Home Economics.*

Benjamin Douglass Van Evera, M.S., *Associate Professor of Chemistry.*

Mitchell Dreese, Ph.D., *Associate Professor of Educational Psychology.*

Courtland Darke Baker, A.M., *Associate Professor of English.*

Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages.*

William Crane Johnstone, Jr., Ph.D., *Associate Professor of Political Science*

William J. Reinhart, B.S., *Associate Professor of Physical Education for Men.*

Audley Lawrence Smith, A.M., *Assistant Professor of English.*

James Christopher Corliss, A.M., *Assistant Professor of Romance Languages.*

- Douglas Bement, A.M., LL.B., *Assistant Professor of English.*
 Irene Cornwell, Ph.D., *Assistant Professor of Romance Languages.*
 Florence Marie Mears, Ph.D., *Assistant Professor of Mathematics.*
 Elizabeth Adams Lathrop, A.B., *Assistant Professor of Library Science.*
 Paul William Bowman, Ph.D., *Assistant Professor of Biology.*
 Henry Goddard Roberts, A.M., *Assistant Professor of Public Speaking.*
 Raymond John Seeger, Ph.D., *Assistant Professor of Physics.*
 Thelma Hunt, Ph.D., *Assistant Professor of Psychology.*
 Ernest Sewall Shepard, A.M., *Assistant Professor of English.*
 Harold Friend Harding, A.M., *Assistant Professor of Public Speaking.*
 Lawson Edwin Yocum, Ph.D., *Assistant Professor of Botany.*
 Martha Gibbon, A.M., *Assistant Professor of English.*
 Ralph Dale Kennedy, Ph.D., *Assistant Professor of Accounting and Business Administration.*
 DeWitt Clinton Knowles, Jr., M.S., *Assistant Professor of Chemistry.*
 Kathryn Mildred Towne, A.M., *Assistant Professor of Home Economics.*
 Wood Gray, Ph.D., *Assistant Professor of History.*
 Lester Kruger Born, Ph.D., *Assistant Professor of Classical Languages.*
 Carl Douglas Wells, Ph.D., *Assistant Professor of Sociology.*
 Arthur Edward Burns, A.M., *Assistant Professor of Economics.*
 *George Winchester Stone, Jr., A.M., *Assistant Professor of English.*
 Helen Bennett Lawrence, B.S., *Assistant Professor of Physical Education for Women.*
 William Henry Myers, A.B., *Assistant Professor of Physical Education for Men.*
 Robert Ladd Thorndike, Ph.D., *Assistant Professor of Psychology.*
 Maude Nelson Parker, *Lecturer in Physical Education for Women.*
 Fred Everett Nessell, A.B., *Lecturer in English.*
 Vladimir Stephanovich Kolesnikoff, M.S., *Lecturer in Russian.*
 Claud Max Farrington, A.B., B.S., A.M., *Instructor in Physical Education for Men.*
 Jean Elyle Sexton, A.B., *Instructor in Physical Education for Men.*
 Gretchen Louisa Rogers, A.M., *Instructor in German.*
 John James Elson, Ph.D., *Instructor in English.*
 David Halbert Howard, Jr., Ph.D., *Instructor in Chemistry.*
 Helen Margaret Lea, A.M., *Instructor in Physical Education for Women.*
 Donald Stevenson Watson, A.M., *Instructor in Economics.*

*On leave 1935-36.

Douglas Emory Wilson, A.M., *Instructor in English.*
John George Mutziger, A.M., *Associate in German.*
Malcolm Taylor, A.M., *Associate in Physics.*

COMMITTEES*

THE DEAN'S COUNCIL†

1936

Alan Thomas Deibert
Mitchell Dreese

1937

Courtland Darke Baker
Raymond John Seeger

1938

Florence Marie Mears
Ralph Dale Kennedy

COMMITTEE ON ADMISSION AND ADVANCED STANDING

Harold Griffith Sutton, *Chairman*

Anna Pearl Cooper
Audley Lawrence Smith

Paul William Bowman
Mitchell Dreese

COMMITTEE ON SCHOLARSHIP

Audley Lawrence Smith, *Chairman*

Lowell Joseph Ragatz
Mitchell Dreese

Henry Goddard Roberts
Courtland Darke Baker

COMMITTEE ON REGISTRATION

Douglas Bement, *Chairman*

John Albert Tillema
Ernest Sewall Shepard

Irene Cornwell
Ralph Dale Kennedy

COMMITTEE ON LIBRARY

Lawson Edwin Yocum, *Chairman*

Anna Pearl Cooper

Arthur Edward Burns

COMMITTEE ON DISCIPLINARY RELATIONS

Benjamin Douglass Van Evera, *Chairman*

Donnell Brooks Young
Harold Friend Harding

Frank Mark Weida
Florence Marie Mears

* The President of the University and the Dean of the Junior College are ex-officio members of all committees.
† Elected by the Faculty.

JUNIOR COLLEGE ADVISERS

General—Anna Pearl Cooper, Francis Edgar Johnston, Benjamin Douglass Van Evert, Alan Thomas Deibert, Audley Lawrence Smith, Douglas Bement, Irene Cornwell, Florence Marie Mears, Henry Goddard Roberts, Raymond John Seeger, Ernest Sewall Shepard, Harold Friend Harding, Martha Gibbon, DeWitt Clinton Knowles, Jr., Wood Gray, Arthur Edward Burns, George Winchester Stone, Jr., Robert Ladd Thorndike, Gretchen Louisa Rogers.

Bachelor of Science—Thomas Benjamin Brown, Lawson Edwin Yocum, David Halbert Howard, Jr.

Commerce and Business Administration—Ralph Dale Kennedy.

Government and Foreign Service—Warren Reed West.

Prelegal—Carville Dickinson Benson, Jr., John Albert Tillema.

Premedical—Donnell Brooks Young.

Engineering—Arthur Frederick Johnson.

Pharmacy—William Paul Briggs.

Library Science—Elizabeth Adams Lathrop.

Fine Arts—Norris Ingersoll Crandall.

Education—Mitchell Dreese.

Home Economics—Kathryn Mildred Towne.

Physical Education—Ruth Harriet Atwell, William Henry Myers, Claud Max Farrington.

GENERAL INFORMATION

INTRODUCTORY

The Junior College curricula are intended to continue the studies of a general cultural nature begun in the secondary schools, and to lay a foundation for the more specialized work which is to follow. During the freshman and sophomore years emphasis is accordingly laid (1) upon the social, cultural, biological, and physical background of civilization (history, political science, physical and biological sciences, literature, etc.) and (2) upon the discipline necessary to the effective prosecution of more advanced work (English rhetoric and composition, foreign language, mathematics, etc.).

The Junior College also provides the preprofessional work required for admission to the Schools of Law, Medicine, Pharmacy, Education, and Government, and the Divisions of Library Science and Fine Arts.

In addition it provides two two-year curricula, leading to the Junior Certificate, which are intended to meet the needs of students who do not look forward to a four-year college course.

ADVISORY SYSTEM

In order that students may have opportunities, not only for assistance in planning their courses of study, but also for personal, educational, and vocational advice in every phase of their academic work during the first two years, a number of members of the Faculty serve as advisers to Junior College students. Incoming students will be assigned to advisers at the time of registration and will be required to consult them at least once each semester. Students on probation and "warned" students are required to consult their respective advisers at such stated intervals as the Dean or adviser may direct. (See regulations on scholarship and "warnings", below.) All students are, however, encouraged to consult their advisers about college problems at any time, irrespective of these requirements. Students are expected to consult with the same advisers throughout their freshman and sophomore years, it being understood that these members of the Faculty act in the capacity of general educational advisers rather than as representatives of their respective departments of instruction.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

Candidates for admission to the Junior College must submit at least fifteen units of accredited secondary-school work. For regulations regarding distribution of these units, particularly for admission to the pre-medical curriculum, see below.

No candidate will be accepted with any condition in secondary-school work.

Special students and auditors are referred to the Division of University Students.

METHODS OF ADMISSION

The following are the methods of admission to the Junior College:

A. BY CERTIFICATE FROM AN ACCREDITED SCHOOL

(a) *Quality of Work*.—The quality of work done must be satisfactory. A graduate of a school regionally accredited must rank in the upper four fifths of his class; a graduate of a school State accredited only, must rank in the upper two fifths of his class.

(b) *Distribution of Units*.—Except for admission to the premedical curriculum, certification by the principal that the student has satisfied all curriculum requirements of the school will be accepted in lieu of any prescribed distribution of units. Attention is called, however, to the necessity of completing stated prerequisite studies during the secondary-school period for admission to certain curricula. For a statement of the foreign-language requirements, see pages 89-90.

For admission to the premedical curriculum the required units must include: English, three units; foreign language, two units (Latin is desirable, and both units must be in the same language); Algebra, one unit; Geometry, one unit; History, one unit; Science, one unit of Botany, Chemistry, Physics, or Zoology. Two additional units must be in English, foreign language, Mathematics, Science, or History; electives, four units. No candidate will be accepted with any condition in secondary-school work.

B. BY THE GEORGE WASHINGTON UNIVERSITY ENTRANCE EXAMINATIONS

These examinations are open to graduates of properly accredited schools whose scholarship does not warrant admission on certificate.

C. BY COLLEGE ENTRANCE BOARD EXAMINATIONS

Admission may be by College Entrance Board Examinations in fifteen specified units, for which passing grades are achieved, when it is not possible to present a certificate covering satisfactory units earned in an accredited school. These units shall include, for curricula other than the premedical curriculum, subjects from each of the following fields: English, foreign languages, Mathematics, and Science. The exact number of units in each of these fields must be approved by the Director of Admissions.

SCHOLASTIC-APTITUDE TESTS

Candidates admitted under any of the above methods will be required, in addition, to pass the scholastic-aptitude tests of the University.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

GENERAL REGULATIONS

Students in the Junior College are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 43-50 and 69-74.

AMOUNT OF WORK

Fifteen or sixteen semester-hours, not including required Physical Education, constitutes normal work. Students not on probation may be permitted by the Dean to take seventeen semester-hours.

Students having a total quality-point index of 3.50 may, with the permission of the Dean, take eighteen or nineteen semester-hours. No student may take more than nineteen semester-hours, except with the permission of the Scholarship Committee.

For employed students working more than twenty-four hours a week, nine semester-hours, not including required Physical Education, is normal work. Employed students not on probation may be permitted by the Dean to take ten semester-hours. Employed students having a total quality-point index of 3.50 may be permitted by the Dean to take twelve or thirteen semester-hours.

ATTENDANCE

The student is held responsible to the instructor in charge of the course for which he is registered for all the work of the course, and all absences must be excused before provision will be made for him to make up the work missed.

With the exceptions noted below, occasional absences, not to exceed in number for each semester the semester-hours of credit for the semester, will be automatically excused. (Where a course has distinct divisions, such as lectures, laboratories, recitations, etc., these excuses apply pro rata to such separate divisions.) In applying this rule, absences adjacent to holiday periods are to be counted double.

Such automatic excuses are intended to cover the occasional minor exigencies and not to constitute an indiscriminate privilege. Students on probation are allowed no automatic excuses.

Excuses for absences from two or more consecutive class periods and for absences from examinations which have been announced in advance, can be obtained only by making written application to the Dean of the Junior College. All other absences may be excused by the instructor in charge.

CLASSIFICATION OF STUDENTS

A student who has satisfactorily completed at least thirty-two semester-hours of work, including eighteen semester-hour credits in his curriculum requirements, shall be classed as a *sophomore*.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

THE CERTIFICATE OF JUNIOR STANDING

Upon the satisfactory completion of the requirements of the Junior College, a Certificate of Junior Standing is granted. This certificate is required for admission to the junior class of Columbian College and to the professional Schools which require two years of preprofessional work (see "Curriculum Requirements", below).

REQUIREMENTS FOR THE CERTIFICATE

To be recommended for a certificate a student must satisfy the admission, residence, scholarship, and curriculum requirements. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to receive a Junior Certificate a student must have a quality-point index of at least 2.00 on his complete record.

Honor Roll.—The names of those students who have a quality-point index of 3.50 or higher on the basis of their complete record will be placed on the honor roll and published. No consideration is given to those who have completed a total of less than fifteen semester-hours. A place on the honor roll does not necessarily mean that the student will receive honors upon graduation.

Probation.—Students must maintain a quality-point index of at least 2.00 or they are placed on probation. The cases of students having a quality-point index between 1.50 and 2.00, however, will be considered individually by the Scholarship Committee, which may retain or remove their probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Scholarship Committee.

Dismissal.—A student who has a total quality-point index below 1.50 will be dropped. The cases of students having a total quality-point index between 1.35 and 1.50, however, will be considered individually by the Scholarship Committee, which may retain them on probation or drop them.

A student who receives a grade of E or F in two courses in any two out of three successive semesters will be dropped.

Students who fall under probation for the third semester, whether successive or after an interval, will be dropped.

Students dropped for poor scholarship may apply for readmission after an interval of a calendar year. A student applying for readmission under this rule must submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission.

Students dropped twice for poor scholarship will not be readmitted. See the University ruling covering dismissal, page 74.)

For the purpose of these rules, the Summer Sessions are considered a semester.

Warnings.—At stated intervals during the academic year instructors shall file in the Office of the Registrar the names of those students who are doing work of *D* grade or lower. These "warnings" shall be transmitted to the students concerned and copies forwarded to their respective advisers. Upon request a parent or guardian may receive a copy of a warning notice sent to a student. A warning constitutes notice to the student that he must consult his adviser within a reasonable time and in any case not later than two weeks after receipt of the warning. "Warning periods" are established as follows: First semester—November 1 to 15. Second semester—the two weeks immediately preceding the Easter recess. Summer Sessions—six-week courses, third to fourth week; nine-week courses, fourth to fifth week.

In the case of students with limited schedules, the foregoing scholarship rules are applied only when the student has undertaken fifteen semester-hours or multiples thereof, unless he receives a grade of *E* or *F* in two courses in any two out of three successive semesters.

PHYSICAL EDUCATION

The Physical Education requirement consists of the prescribed assignments (see the announcement of Physical Education courses, pages 279-85) to be taken in the freshman and sophomore years by all students.

CURRICULUM REQUIREMENTS

The following curricula lead to the Junior Certificate and, with the exception of the specialized Junior College curricula, qualify the holder to apply for admission to Columbian College (the Senior College) and the professional Schools and Divisions. Provision is made for certain differentiations to meet the needs of preparing for the several professional fields. Graduation from the Junior College does not, however, automatically admit a student to the Senior College or a professional School or Division.

A detailed statement of the various Junior College curricula will be found in the table facing pages 90-91.

After selecting a curriculum, a student is not permitted to change to another except with the permission of the Dean and on condition that he fulfil the requirements of the curriculum to which he changes.

The curriculum requirements include at least sixty-four semester-hours of credit. A semester-hour of credit is one recitation or lecture a week or one laboratory period a week for one semester.

Junior College students may not take second-group courses (courses numbered 101-200) without the written permission of the instructor

and of the Dean of the Junior College. A student will not be permitted to postpone a first-group course, required under the curriculum for which he is registered, in order to take a second-group course for elective credit. The principle that first-group courses must be taken in the Junior College years and advanced courses in the Senior College and the professional Schools, will be rigidly adhered to in approving student programs.

A. THE JUNIOR COLLEGE CURRICULA (TWO YEARS)

I. *General Curriculum*.—This curriculum is intended for students who do not look forward to a four-year college course or to advanced study in the liberal arts or in the sciences. Through study with the best thought in the fields of human endeavor, it aims to provide the essential intellectual background of an educated person and to lay the foundations upon which may be built a solid structure of broad knowledge and training for good citizenship.

II. *Business and Secretarial Curriculum*.—This curriculum, when supplemented by adequate training and experience in shorthand, typewriting, office practice, etc., is intended to furnish a fundamental business education in preparation for positions as secretaries and minor business executives.

B. CURRICULA FOR ADMISSION TO COLUMBIAN COLLEGE

I. *Curriculum Leading to the Degree of Bachelor of Arts*.—This curriculum comprises the first two years of a standard four-year course in arts and letters, leading to the degree of Bachelor of Arts, which is granted by Columbian College.

II. *Curricula Leading to the Degree of Bachelor of Science*.—These curricula constitute two-year courses with emphasis upon the sciences. Students intending to study in Columbian College for the Bachelor of Science degree in Biology, Botany, Geology, or Zoology, should follow curriculum B-II-a. Those desiring the Bachelor of Science degree in Chemistry, Mathematics, or Physics, should follow curriculum B-II-b.

C. CURRICULA FOR ADMISSION TO THE SCHOOL OF EDUCATION

I. *Curriculum Leading to the Degree of Bachelor of Arts in Education*.—This curriculum covers the required college work for entrance to the School of Education. The requirements may be modified in some instances on the basis of the work presented for entrance.

II. *Curriculum Leading to the Degree of Bachelor of Science in Home Economics*.—This curriculum covers the first two years of preparation for majors in Home Economics, for prospective teachers and others, leading to the degree of Bachelor of Science in Home Economics.

III. *Curriculum Leading to the Degree of Bachelor of Science in Physical Education*.—This curriculum covers the first two years of a four-year course

in Physical Education for Men and Physical Education for Women, leading to the degree of Bachelor of Science in Physical Education.

D. CURRICULUM FOR ADMISSION TO THE LAW SCHOOL

This curriculum satisfies the requirements for the first two years of the combined course leading to the degrees of Bachelor of Arts and Bachelor of Laws (see page 135).

E. CURRICULUM FOR ADMISSION TO THE SCHOOL OF GOVERNMENT

This curriculum covers the work required for entrance to the following curricula which are offered in the School of Government: Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting.

F. CURRICULUM FOR ADMISSION TO THE DIVISION OF LIBRARY SCIENCE

This curriculum is planned for students who expect to enter the Division of Library Science. It provides for a reading knowledge of French and German and outlines the work necessary as a basis for the technical work to follow.

G. CURRICULUM FOR ADMISSION TO THE DIVISION OF FINE ARTS

This curriculum covers the work required for entrance to the following curricula which are offered in the Division of Fine Arts: Architecture, Building, Illustration, and Art.

H. CURRICULUM FOR ADMISSION TO THE SCHOOL OF PHARMACY

This curriculum covers the required college work for entrance to the School of Pharmacy and comprises the first two years of a four-year course leading to the degree of Bachelor of Science in Pharmacy.

I. CURRICULUM FOR ADMISSION TO THE SCHOOL OF MEDICINE

This curriculum covers the required college work for entrance to the School of Medicine and satisfies the requirements of the first two years of the combined course leading to the degrees of Bachelor of Arts and Doctor of Medicine (see page 124).

FOREIGN-LANGUAGE REQUIREMENTS

The curriculum requirement in foreign languages is articulated with the admission requirements. For the Junior Certificate a student must have completed satisfactorily the equivalent of two college years in a single foreign language.

A student offering for admission four acceptable high-school units of a single foreign language, or the equivalent, is not required to take

any foreign language. If he offers three units, he must complete the second semester of the second-year college course in the same language. If he offers two units, he must complete the entire second-year college course in the same language. If he offers one unit, he must complete the second semester of the first-year college course and the entire second-year course in the same language.

In some instances foreign languages are required or recommended as a preparation for advanced work in the Senior College and the professional Schools. Students should consult their advisers as to these requirements, so that appropriate foreign languages may be included, when necessary, in their Junior College programs.

EXAMINATIONS FOR WAIVING CURRICULUM REQUIREMENTS*

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirements in that subject and qualify for registration in an advanced course. Passing of this examination shall not entitle the student to any hours of credit toward the degree. Students desiring to take such examinations should make the request of the Dean.

A fee of \$5 for each examination is to be paid at the Comptroller's Office and the receipt exhibited at the door of room 27, Building Y, on September 27 or 28 at 2 p.m. for the first semester, and on February 7 or 8 at 2 p.m. for the second semester. Two hours will be allowed for the examination. Should a student wish to take more than one examination, arrangements will be made accordingly.

HONORS

Honorable mention with the Junior Certificate may be granted to those students who have a total quality-point index of 3.50 or higher.

* This provision does not apply to premedical students, all of whose required premedical work must be taken in a recognized college of arts and sciences.

PROFESSIONAL SCHOOLS

SCIENCE		G. ART		H. PHARMACY		I. PREMEDICAL	
E.....	6	English 1-2.....	6	English 1-2.....	6	English 1-2.....	6
Human. ⁴	6	French, German, Latin, or Span- ish. ¹	6	French, German, or Spanish. ²	6	French, German, or Spanish. ¹	6
E.....	6						
Ch. M-12. Ph	6			Botany..... Chemistry 12a, 21a.	6 8	Chemistry 11-12. ³ Physics 11, 12. ³ Zoology 1-2.....	8 6 6
		Art 1-2, 7-8, 21-22.	18	Pharmacy 1-2.....	4		
	8						
	2		2		2		2
		32		32		34	

equi. required
admiss.
b, c

counting.

		H. PHARMACY	I. PREMEDICAL
			French, German, Spanish, or elec- tive. ¹
	6		
	6	Chemistry 41-42	Chemistry 41-42
	6	Physica 112	Physica 13, 14 ²
		Zoology 1	Zoology 53 or 55
	12	Pharmacy 21-22, 23-24.	
			8
	2		2
		32	32

COLUMBIAN COLLEGE

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
Henry Grattan Doyle, A.M., *Dean of Columbian College.*

STAFF OF INSTRUCTION

Paul Bartsch, Ph.D., *Professor of Zoology.*
George Neely Henning, A.M., Litt.D., *Professor of Romance Languages.*
Edward Elliott Richardson, M.D., Ph.D., *Elton Professor of Philosophy.*
Ray Smith Bassler, Ph.D., *Professor of Geology.*
DeWitt Clinton Croissant, Ph.D., *Professor of English.*
Charles Edward Hill, Ph.D., *Professor of Political Science.*
Thomas Benjamin Brown, Ph.D., *Professor of Physics.*
Henry Grattan Doyle, A.M., *Professor of Romance Languages.*
Robert Fiske Griggs, Ph.D., *Professor of Botany.*
John Donaldson, Ph.D., *Professor of Political Economy.*
George Morton Churchill, Ph.D., *Professor of History.*
Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry.*
Edward Henry Sehr, Ph.D., *Professor of German.*
Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration.*
Robert Whitney Bolwell, Ph.D., *Professor of American Literature.*
Walter Lynn Cheney, Ph.D., *Professor of Physics.*
James Henry Taylor, Ph.D., *Professor of Mathematics.*
Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking.*
Elmer Louis Kayser, Ph.D., *Professor of History.*
Donnell Brooks Young, Ph.D., *Professor of Zoology.*
Frank Mark Weida, Ph.D., *Professor of Statistics.*
Warren Reed West, Ph.D., *Professor of Political Science.*
Fred August Moss, Ph.D., M.D., *Adjunct Professor of Psychology.*
Cecil Knight Jones, B.Litt., *Adjunct Professor of Spanish-American Literature.*
Ralph Edward Gibson, Ph.D., *Adjunct Professor of Chemistry.*
George Howland Cox, *Adjunct Professor of Current Hispanic-American Affairs.*

- Elwood Vickers Street, A.M., *Adjunct Professor of Sociology.*
 Harold Griffith Sutton, M.S., *Associate Professor of Finance.*
 Anna Pearl Cooper, A.M., *Associate Professor of English.*
 Merle Irving Protzman, A.M., *Associate Professor of Romance Languages.*
 John Albert Tillema, Ph.D., LL.M., S.J.D., *Associate Professor of Political Science.*
 Alva Curtis Wilgus, Ph.D., *Associate Professor of Hispanic-American History.*
 Francis Edgar Johnston, Ph.D., *Associate Professor of Mathematics.*
 Lowell Joseph Ragatz, Ph.D., *Associate Professor of History.*
 Benjamin Douglass Van Evera, M.S., *Associate Professor of Chemistry.*
 Mitchell Dreese, Ph.D., *Associate Professor of Educational Psychology.*
 Courtland Darke Baker, A.M., *Associate Professor of English.*
 Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages.*
 William Crane Johnstone, Jr., Ph.D., *Associate Professor of Political Science.*
 Audley Lawrence Smith, A.M., *Assistant Professor of English.*
 James Christopher Corliss, A.M., *Assistant Professor of Romance Languages.*
 Douglas Bement, A.M., LL.B., *Assistant Professor of English.*
 Irene Cornwell, Ph.D., *Assistant Professor of Romance Languages.*
 Florence Marie Mears, Ph.D., *Assistant Professor of Mathematics.*
 Paul William Bowman, Ph.D., *Assistant Professor of Biology.*
 Henry Goddard Roberts, A.M., *Assistant Professor of Public Speaking.*
 Raymond John Seeger, Ph.D., *Assistant Professor of Physics.*
 Thelma Hunt, Ph.D., *Assistant Professor of Psychology.*
 Ernest Sewall Shepard, A.M., *Assistant Professor of English.*
 Harold Friend Harding, A.M., *Assistant Professor of Public Speaking.*
 Lawson Edwin Yocum, Ph.D., *Assistant Professor of Botany.*
 Christopher Browne Garnett, Jr., Ph.D., *Assistant Professor of Philosophy.*
 Ralph Dale Kennedy, Ph.D., *Assistant Professor of Accounting and Business Administration.*
 DeWitt Clinton Knowles, Jr., M.S., *Assistant Professor of Chemistry.*
 Wood Gray, Ph.D., *Assistant Professor of History.*
 Lester Kruger Born, Ph.D., *Assistant Professor of Classical Languages.*
 Carl Douglas Wells, Ph.D., *Assistant Professor of Sociology.*
 Arthur Edward Burns, A.M., *Assistant Professor of Economics.*
 Robert Ladd Thorndike, Ph.D., *Assistant Professor of Psychology.*

Joseph Alfred Ambler, Ph.D., *Lecturer in Chemistry.*
 Thomas Fredrik Weybye Barth, Ph.D., *Lecturer in Geology.*
 J. Blaine Gwin, A.B., *Lecturer in Sociology.*
 William Moore Loman, A.M., *Lecturer in Psychology.*
 Paul Hugh Emmett, Ph.D., *Lecturer in Chemistry.*

COMMITTEES*

THE DEAN'S COUNCIL†

1936

Merle Irving Protzman

Frank Mark Weida

1937

Thomas Benjamin Brown
 Edward Henry Sehr

1938

DeWitt Clinton Croissant
 Charles Edward Hill

COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the College, *Chairman*Harold Griffith Sutton, *Secretary*

DeWitt Clinton Croissant Edward Henry Sehr
 Colin Mackenzie Mackall

COMMITTEE ON SCHOLARSHIP

Paul William Bowman, *Chairman*

James Henry Taylor Merle Irving Protzman

COMMITTEE ON REGISTRATION

Anna Pearl Cooper, *Chairman*

Walter Lynn Cheney Douglas Bement

COMMITTEE ON LIBRARY

Alva Curtis Wilgus, *Chairman*

Alan Thomas Deibert John Albert Tillema

* The President of the University and the Dean of Columbian College are ex-officio members of all committees.

† Elected by the Faculty.

COMMITTEE ON DISCIPLINARY RELATIONS

Mitchell Dreese, *Chairman*

Willard Hayes Yeager

Lowell Joseph Ragatz

Frank Mark Weida

Benjamin Douglass Van Evera

GENERAL INFORMATION

INTRODUCTORY

Columbian College was founded in 1821, during the presidency of James Monroe. A charter was obtained from Congress establishing "The Columbian College in the District of Columbia" for the "sole and exclusive purpose of educating youth in the English, learned and foreign languages, the liberal arts, sciences and literature", with full power to confer all degrees "usually granted and conferred in colleges".

Since the founding of old Columbian College, many other Schools and Divisions have been established to form the present George Washington University. In 1930 the name "Columbian College" was bestowed upon the Senior College.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

Special students and auditors are referred to the Division of University Students.

FOR THE BACHELOR'S DEGREES

Applicants for admission to Columbian College having the intention of becoming candidates for the degree of Bachelor of Arts must present a Certificate of Junior Standing based on curriculum A-1 or B-1 in the Junior College, or its equivalent (see page 88 and table facing pages 90-91). Students taking the combined Arts and Law or Arts and Medicine curriculum are subject to this regulation, and those taking the latter must include all the special premedical requirements (see page 119).

Applicants for admission to Columbian College having the intention of becoming candidates for the degree of Bachelor of Science must present a Certificate of Junior Standing based on curriculum B-II-a (Botany, Geology, or Zoology) or B-II-b (Chemistry, Mathematics, or Physics) in the Junior College, or its equivalent (see page 88 and table facing pages 90-91).

FOR THE MASTER'S DEGREE

Applicants for admission to Columbian College having the intention of becoming candidates for the degree of Master of Arts must present a

baccalaureate degree from an accredited institution and a transcript of the studies previously pursued. Students from unaccredited institutions may be admitted at the discretion of the Dean's Council, but such students are required to take extra work above the minimum requirements as may be prescribed. In case the student's undergraduate curriculum did not include a program of study substantially equivalent to a major in his chosen field, he must complete this work in addition to that required for the Master's degree.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

FELLOWSHIPS, SCHOLARSHIPS, PRIZES, LOAN FUNDS

Fellowships are available in the Departments of Anatomy, Biochemistry, Botany, Chemistry, Economics, History, Physics, Psychology, and Zoology. Details regarding qualifications and application for these fellowships will be found on page 60.

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

DIVISIONAL ORGANIZATION

The instructional organization of Columbian College is contained in the divisions. The divisional and departmental officers administer the educational requirements for students majoring within the divisions.

INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course credits as designated in the list of courses of instruction in this catalogue.

GENERAL REGULATIONS

Students in Columbian College are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

Full-time students who are not on probation ordinarily may take not more than seventeen semester-hours. Students employed more than twenty-four hours a week, who are not on probation, may take not more than ten semester-hours.

Full-time students whose quality-point index is 3.50 or higher, may take not more than nineteen semester-hours.

ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for him to make up the work missed.

CLASSIFICATION OF STUDENTS

A student who has completed less than thirty semester-hours in Columbian College, and who has registered his major at the Office of the Registrar, is classed as a *junior*.

A student who has completed thirty semester-hours in Columbian College, including at least one course in his major, is classed as a *senior*.

A student who has satisfactorily completed the work for the baccalaureate degree, and who has registered his major at the Office of the Registrar, is classed as a *master in course*.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of Columbian College, the degree of Bachelor of Arts or Bachelor of Science is conferred.

In conjunction with the professional curricula the following combined curricula are offered: a six-year curriculum leading to the degrees of Bachelor of Arts and Bachelor of Laws, and a seven-year curriculum leading to the degrees of Bachelor of Arts and Doctor of Medicine.

REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. Particular attention is called to the statement of graduation requirements on pages 71-73.

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00. In addition he must have a quality-point index of at least 2.50 in his major subject.

Probation.—Students must maintain a quality-point index of at least 2.00 or they are placed on probation. Students remain on probation as long as their quality-point index on all work taken is below 2.00.

Suspension.—Students having a quality-point index below 1.00 or who are placed on probation for a third semester, whether successive or after an interval, are suspended.

Students suspended for poor scholarship may apply for readmission after an interval of two semesters. A student applying for readmission under this rule must submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. Students suspended twice for poor scholarship are not readmitted. (See the University ruling covering dismissal, page 74.)

For the purpose of these rules, the Summer Sessions are considered a semester.

In the case of students with limited schedules, the foregoing scholarship rules are applied only when the student has undertaken fifteen semester-hours or more.

CURRICULUM REQUIREMENTS

Every candidate for graduation must satisfy one of the four curricula listed below leading to the degree of Bachelor of Arts or Bachelor of Science. The curriculum requirements include at least sixty semester-hours of credit beyond that of the Junior College.

After selecting a curriculum, a student may not change to another except by permission of the Dean and on condition that he fulfil the requirements of the curriculum to which he changes.

The freshman and sophomore years of each curriculum will be found in the announcement of the Junior College.

In the case of curricula B-I, B-II-a, and B-II-b in Columbian College, the requirements for the major in the several departments of instruction are stated immediately preceding the announcement of courses offered (see pages 197-315). The first year of Law or Medicine satisfies the requirements for the major in the combined Arts and Law and Arts and Medicine curricula respectively.

Students are required to select and file with the Registrar a choice of a major upon entering Columbian College. Students may change the major only with the consent of the Dean and the executive officers of the departments concerned.

BACHELOR OF ARTS

B-I.* *General Curriculum.*—The work of the junior and senior years, including a major, must be approved by the major department and the Dean.

D.* *Combined Curriculum: Bachelor of Arts and Bachelor of Laws.*—This curriculum contemplates three years of collegiate study and three years in The George Washington University Law School.

I.* *Combined Curriculum: Bachelor of Arts and Doctor of Medicine.*—This curriculum contemplates three years of collegiate study and four years in The George Washington University School of Medicine.

Students wishing to avail themselves of the opportunity afforded by the combined curricula must obtain the approval of the Dean of Columbian College at the time of entering the professional School. Upon the completion of the first year of the regular curriculum in the professional School, and upon the recommendation of its Dean, the degree of Bachelor of Arts will be conferred.

The entire work must be upon the scholarship level required for graduation. Credit is not given for professional work taken in another institution.

Students entering the Law School or the School of Medicine of The George Washington University with two or more years of preprofessional work of satisfactory quality, who thereupon complete the requirements for a degree in either of these Schools and present the recommendation of its Dean, may obtain the degree of Bachelor of Arts upon the completion of thirty semester-hours of satisfactory work in Columbian College.

BACHELOR OF SCIENCE

The work of the junior and senior years, including a major in one of the six sciences mentioned below, must be approved by the major department and the Dean.

B-II-a.* *Botany, Geology, and Zoology Curriculum.*—Geology 21-22 must be taken if not elected earlier.

B-II-b.* *Chemistry, Mathematics, and Physics Curriculum.*—If Botany has been elected earlier, Geology 21-22 or Zoology 1-2 must be taken. If Geology has been elected earlier, either Botany 1 and 2 or Zoology 1-2 must be taken.

EXAMINATIONS FOR WAIVING CURRICULUM REQUIREMENTS

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirement in that subject and qualify for registration in an advanced course. Passing of this examination shall entitle the student to any hours of credit toward the degree. Students

*See the table of the Junior College curricula, facing pages 90-91.

desiring to take such examinations should make the request of the Dean.

A fee of \$5 for each examination is to be paid at the Comptroller's Office and the receipt exhibited at the door of room 27, Building Y, on September 27 or 28 at 2 p.m. for the first semester, and on February 7 or 8 at 2 p.m. for the second semester. Two hours will be allowed for the examination. Should a student wish to take more than one examination, arrangements will be made accordingly.

THE MASTER OF ARTS DEGREE

Upon the satisfactory completion of the graduate requirements of Columbian College, the degree of Master of Arts is conferred.

CANDIDACY

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the major department and the Dean. This application is made on a form obtained at the Office of the Registrar, and such application must be approved before the student begins the last fifteen hours of work for the Master's degree. Also before being admitted to candidacy the student must show a reading knowledge (certified by the appropriate language department) of at least one modern foreign language to be selected by the major department. Examinations in modern foreign languages will be given between September 24 and 30, February 10 and 16, and July 10 and 16.

REQUIREMENTS FOR THE DEGREE

Candidates for the degree of Master of Arts must complete successfully a minimum of thirty semester-hours of work forming a consistent plan of study, of which at least eighteen semester-hours must be in the major subject. Not more than twelve semester-hours may be taken in another School or Division of the University, and such work may not be counted toward both a degree in that School or Division and the Master's degree in Columbian College. A thesis, counting six semester-hours of the above thirty semester-hours, may or may not be required, at the discretion of the major department.

Advanced work in other institutions of learning may be credited toward the Master's degree to the extent of not more than six semester-hours upon presentation of detailed certificates of the work for which credit is sought. However, if such work in other institutions is done during the student's period of residence in The George Washington University, it will not be so counted unless the student has obtained the written permission of his major department *before* entering upon such work. Such allowance of credit will be at the discretion of the Committee on Admission and Advanced Standing.

Work completed here, or elsewhere, more than three years prior to registration for the Master's degree, will be counted only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

Courses may be elected from one, two, or three departments with the approval of the major department. The program of study must include at least twelve semester-hours of third-group courses (numbered above 200), exclusive of the thesis, unless the major department gives written permission to count less.

Second-group courses (numbered 101-200) may be counted toward the Master's degree only when registration for advanced credit has been approved at the beginning of the course by the Dean of Columbian College and by the officer of instruction, and provided that the student shall have done such extra work in the courses as may be prescribed by the instructor concerned. No work counted toward a baccalaureate degree may be counted toward a Master's degree.

In addition to the course examinations, candidates must pass a general final examination on the major subject. The examination may be either oral or written, or both.

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree is strongly advised so to plan his program from the beginning that work for the lower degree may count for the higher.

Particular attention is called to the statement of graduation requirements on pages 71-73.

RESIDENCE

A minimum of one year must be completed in residence. Summer Sessions work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Unless special permission has been granted by the Dean to pursue the work elsewhere, the last work before graduation must be completed in residence.

No credit is granted for work done in absentia, i.e., without formal instruction here or at some other institution of learning, except for the thesis, which may be completed in absentia with the permission of the department concerned.

SCHOLARSHIP

Students whose scholarship is unsatisfactory may be suspended upon recommendation of the major department to the Dean. Regarding the system of grading, see pages 70-71.

THE THESIS

In case a thesis is required by the major department, it must be registered for not later than the beginning of the final year, unless the professor

in charge of the thesis permits registration at the beginning of the final semester. For this purpose the nine weeks' term of the Summer Sessions is considered as a semester. The choice of the thesis subject must be approved by the professor in charge of the major and recorded in the Office of the Registrar by the date announced in the University calendar. The typewritten thesis in its final form must have the approval of the professor and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 73.

THE GRADUATE COUNCIL

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University; Chairman of the Graduate Council.*

STAFF OF INSTRUCTION

Paul Bartsch, Ph.D., *Professor of Zoology.*
George Neely Henning, A.M., Litt.D., *Professor of Romance Languages.*
William Carl Ruediger, Ph.D., *Professor of Education.*
Ray Smith Bassler, Ph.D., *Professor of Geology.*
DeWitt Clinton Croissant, Ph.D., *Professor of English.*
Charles Edward Hill, Ph.D., *Professor of Political Science.*
Thomas Benjamin Brown, Ph.D., *Professor of Physics.*
William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law.*
George Bain Jenkins, M.D., *Professor of Anatomy.*
Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law.*
Henry Grattan Doyle, A.M., *Professor of Romance Languages.*
Robert Fiske Griggs, Ph.D., *Professor of Botany.*
Joseph Hiram Roe, Ph.D., *Professor of Biochemistry.*
John Donaldson, Ph.D., *Professor of Political Economy.*
George Byron Roth, A.B., M.D., *Professor of Pharmacology.*
Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry.*
Walter Freeman, Ph.D., M.D., *Professor of Neurology.*
Edward Henry Sehr, Ph.D., *Professor of German.*
Robert Whitney Bolwell, Ph.D., *Professor of American Literature.*
William Cullen French, Ph.D., *Professor of Education.*
James Henry Taylor, Ph.D., *Professor of Mathematics.*
Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking.*
Earl Baldwin McKinley, A.B., M.D., *Professor of Bacteriology.*
Errett Cyril Albritton, A.B., M.D., *Professor of Physiology.*
Vincent du Vigneaud, Ph.D., *Professor of Biochemistry.*
Edward Bright Vedder, A.M., Sc.D., M.D., *Professor of Experimental Medicine.*
Elmer Louis Kayser, Ph.D., *Professor of History.*
Donnell Brooks Young, Ph.D., *Professor of Zoology.*
George Gamow, Physics D., *Professor of Theoretical Physics.*

Frank Mark Weida, Ph.D., *Professor of Statistics.*

Warren Reed West, Ph.D., *Professor of Political Science.*

Cecil Knight Jones, B.Litt., *Adjunct Professor of Spanish-American Literature.*

Neil Everett Stevens, Ph.D., *Adjunct Professor of Botany.*

Ralph Edward Gibson, Ph.D., *Adjunct Professor of Chemistry.*

Joseph Quincy Adams, Ph.D., Litt.D., *Adjunct Professor of English.*

Alva Curtis Wilgus, Ph.D., *Associate Professor of Hispanic-American History.*

Lowell Joseph Ragatz, Ph.D., *Associate Professor of History.*

Leland Wilbur Parr, Ph.D., *Associate Professor of Bacteriology.*

Mitchell Dreese, Ph.D., *Associate Professor of Educational Psychology.*

William Crane Johnstone, Jr., Ph.D., *Associate Professor of Political Science.*

Paul William Bowman, Ph.D., *Assistant Professor of Biology.*

Chester Elwood Leese, Ph.D., *Assistant Professor of Physiology.*

Christopher Browne Garnett, Jr., Ph.D., *Assistant Professor of Philosophy.*

Lester Kruger Born, Ph.D., *Assistant Professor of Classical Languages.*

Carl Douglas Wells, Ph.D., *Assistant Professor of Sociology.*

Arthur Edward Burns, A.M., *Assistant Professor of Economics.*

Robert Ladd Thorndike, Ph.D., *Assistant Professor of Psychology.*

THE CHAIRMAN'S COUNCIL*

1936

William Cullen French

Robert Fiske Griggs

Edward Henry Sehr

1937

George Neely Henning

Edward Bright Vedder

Colin Mackenzie Mackall

1938

Ray Smith Bassler

Robert Whitney Bolwell

James Henry Taylor

GENERAL INFORMATION

PURPOSE

The purpose of the Graduate Council of The George Washington University is to create a fellowship between the Masters of Research in the various fields and the students who have apprenticed themselves to

* The President of the University is an ex-officio member of the committee.

these Masters, and through this fellowship to foster a creative spirit in the graduate studies leading to the degree of Doctor of Philosophy. The basic conception of this degree is the attainment of a mastery of related fields of knowledge, achieved without regard to specific courses of instruction and culminating, through original research, in a contribution to knowledge. It is hoped that in the development of this program the historical relationship of master and apprentice may be revived. In keeping with this idea a student, after satisfying certain requirements, is responsible solely to the Master under whom he has signified his desire to work.

APPLICATION TO UNDERTAKE DOCTORATE DISCIPLINES

A student wishing to undertake work under the Graduate Council must possess an adequate academic preparation for advanced study in the proposed field, as evidenced by satisfactory Bachelor's and Master's degrees, or their equivalent, together with acceptable personal qualities and capacity for creative work.

After an applicant's credentials have been filed with the Director of Admissions of the University, the Chairman of the Graduate Council will appoint a Consultative Committee (usually composed of five members), which will evaluate the records submitted and interview the applicant. The applicant will then meet the Personnel Committee of the Graduate Council. When the recommendations of the Consultative and Personnel Committees have been presented, the Graduate Council will act upon the application for candidacy to Fellowship in the Graduate Council.

CANDIDACY FOR FELLOWSHIP

If accepted, the candidate must demonstrate his ability to read French and German and satisfy such other prerequisites for advanced study as shall be specified by the Consultative Committee. The necessary examinations will be arranged by the Chairman of the Graduate Council.

The Consultative Committee will, after consultation with the candidate, designate a program of study in the several fields of learning on which the candidate must stand examination as a part of the requirements for admission to Fellowship in the Graduate Council. These fields of learning will be selected from any of the following "divisions": (1) *the Division of Languages and Literatures*, which comprises the Departments of Classical Languages and Literatures, English, Germanic Languages and Literatures, Romance Languages and Literatures, and Slavic Languages and Literatures; (2) *the Division of Mathematics and the Physical Sciences*, which comprises the Departments of Biochemistry, Chemistry, Mathematics, Pharmacology, Physics, and Statistics; (3) *the Division of the Natural Sciences*, which comprises the Departments of Anatomy, Bacteriology,

Biology, Botany, Geology, Neurology, Pathology, Physiology, Psychology, and Zoology; (4) *the Division of the Social Sciences*, which comprises the Departments of Business Administration, Economics, Education, History, Law, Philosophy, Political Science, Public Speaking, and Sociology.

The candidate will be directed by his Consultative Committee throughout the entire period of preparation for this Council-Fellowship examination.

THE COUNCIL-FELLOWSHIP EXAMINATION

Upon application of the Consultative Committee the Chairman of the Graduate Council will set a date for the Council-Fellowship examination and appoint an Examining Committee, composed of the members of the Consultative Committee and at least two other members of the Graduate Council. The Council-Fellowship examination will be a written examination, conducted during a period of one week. The candidate, in consultation with the Chairman of the Graduate Council, will have designated the Master with whom he wishes to undertake research if admitted as a Fellow. If he is successful in the Council-Fellowship examination and is accepted by the Master, the candidate will be nominated to the Graduate Council for election as a Fellow.

FELLOWSHIP IN THE GRADUATE COUNCIL

When a student has been admitted as a Fellow of the Graduate Council, his Consultative Committee will be discharged and he will become responsible to his Master alone for the development of his field, the selection of a thesis subject, and the preparation of his thesis. He will be formally inducted into Fellowship, which carries with it the privilege of membership in the Graduate Council, including participation in its general meetings and unrestricted use of all the academic facilities of the University. The Master may refer the Fellow to other institutions for special study, under arrangements made by the Council.

THE THESIS

Not later than the date specified in the University calendar the Fellow must submit to the Chairman of the Graduate Council three typewritten copies of his thesis in its final form and also a typewritten summary of the thesis consisting of not more than 2,500 words. Requirements regarding the form of the thesis are stated on page 73.

The summaries of accepted theses will be printed in a volume forming a number of the University Bulletin. The successful candidate for the doctorate is required to pay, before receiving his degree, a fee to cover the expense of printing the summary of his thesis.

THE FINAL EXAMINATION

After the presentation of the Fellow's thesis, the Chairman of the Council, upon application of the Master, will set the date of the final examination and appoint the Final-Examination Committee. The examiners will include at least five members of the Graduate Council other than the Master, and at least two qualified experts in the Fellow's special field from other institutions of research. The Master will present the Fellow to the Examining Committee. In this final examination, which will be oral, the Fellow will defend his thesis in relation to the field of learning in which it lies. The examination will be public.

THE DEGREE OF DOCTOR OF PHILOSOPHY

If the Fellow satisfies this committee in respect to the high quality of his contribution to knowledge and his mastery of the field, he will be recommended by the committee to the Graduate Council and, if approved, nominated by the Council to the Board of Trustees of the University for the degree of Doctor of Philosophy.

FEES AND FINANCIAL REGULATIONS

For information regarding fees and financial regulations, see pages 55-59.

TEACHING FELLOWSHIPS AND LOAN FUNDS

Teaching fellowships are available in the Departments of Anatomy, Biochemistry, Botany, Chemistry, Economics, History, Physics, Psychology, and Zoology. Details regarding qualifications and application for these fellowships will be found on page 60.

For particulars regarding loan funds, see pages 67-68.

GENERAL REGULATIONS

Candidates and Fellows in the Graduate Council are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

CHANGE OF ASSIGNMENT AND WITHDRAWAL

A candidate or Fellow desiring to change his assignment must secure the permission of the Chairman of the Graduate Council. In case of withdrawal from the University, prompt notice should be sent to the Chairman of the Graduate Council.

RIGHT TO DROP STUDENTS

The right is reserved to drop any student whenever, in the interest of the student or the University, the Graduate Council deems it advisable to do so.

COURSES OF INSTRUCTION

Ordinarily courses of instruction are assigned by the Consultative Committee only to make up deficiencies. The descriptions of courses will be found in alphabetical order beginning on page 197.

THE SCHOOL OF MEDICINE

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
Earl Baldwin McKinley, A.B., M.D., *Dean of the School of Medicine.*
Walter Andrew Bloedorn, A.M., M.D., *Assistant Dean of the School of Medicine; Medical Director of the University Hospital.*

William Alanson White, A.M., M.D., *Professor of Psychiatry.*
Francis Randall Hagner, M.D., *Professor of Urology.*
William Thornwall Davis, M.D., *Professor of Ophthalmology.*
George Bain Jenkins, M.D., *Professor of Anatomy.*
Joseph Hiram Roe, Ph.D., *Professor of Biochemistry.*
Harry Hampton Donnally, A.M., M.D., *Professor of Pediatrics.*
William Johnston Mallory, A.M., M.D., *Professor of Medicine.*
Charles Augustus Simpson, M.D., *Professor of Dermatology and Syphilology.*
George Byron Roth, A.B., M.D., *Professor of Pharmacology.*
Walter Freeman, Ph.D., M.D., *Professor of Neurology.*
Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine.*
Charles Stanley White, M.D., *Professor of Surgery.*
Earl Baldwin McKinley, A.B., M.D., *Professor of Bacteriology.*
Radford Brown, M.D., *Professor of Obstetrics and Gynecology.*
Howard Francis Kane, A.B., M.D., *Professor of Obstetrics and Gynecology.*
William Beverley Mason, M.D., *Professor of Oto-rhino-laryngology.*
Vincent du Vigneaud, Ph.D., *Professor of Biochemistry.*
Errett Cyril Albritton, A.B., M.D., *Professor of Physiology.*
Edward Bright Vedder, A.M., M.D., Sc.D., *Professor of Experimental Medicine.*
Roger Morrison Choisser, B.S., M.D., *Professor of Pathology.*
Nolan Don Charpentier Lewis, M.D., *Clinical Professor of Psychiatry.*
Homer Gifford Fuller, Ph.B., M.D., *Clinical Professor of Urology.*
Daniel LeRay Borden, A.M., M.D., *Associate Professor of Surgery.*
Harry Ford Anderson, M.D., *Associate Professor of Dermatology and Syphilology.*
Daniel Bruce Moffett, A.B., M.D., *Associate Professor of Oto-rhino-laryngology.*
Leland Wilbur Parr, Ph.D., *Associate Professor of Bacteriology.*

COMMITTEES*

COMMITTEE ON ADMINISTRATION

Earl Baldwin McKinley, *Chairman*

Walter Andrew Bloedorn

Charles Stanley White

Harry Hampton Donnally

Vincent du Vigneaud

COMMITTEE ON CURRICULUM

George Bain Jenkins, *Chairman*

Radford Brown

Walter Andrew Bloedorn

COMMITTEE ON GRADUATE STUDIES

Errett Cyril Albritton, *Chairman*

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George Byron Roth

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Howard Francis Kane

William Johnston Mallory

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Leland Wilbur Parr

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George Byron Roth, *Chairman*

Nolan Don Charpentier Lewis

Harry Ford Anderson

COMMITTEE ON RESEARCH

Edward Bright Vedder, *Chairman*

Errett Cyril Albritton

Vincent du Vigneaud

* The President of the University and the Dean of the School of Medicine are ex-officio members of all committees.

The School of Medicine

III

THE STAFF OF THE UNIVERSITY HOSPITAL AND DISPENSARY

COMMITTEE ON ADMINISTRATION

Earl Baldwin McKinley, *Chairman*

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Charles Stanley White

Howard Francis Kane

Daniel LeRay Borden

OFFICERS OF ADMINISTRATION

Walter Andrew Bloedorn, *Medical Director.*

John Alton Reed, *Director of the Dispensary.*

Herman Solomon Hoffman, *Assistant Director of the Dispensary.*

CONSULTANTS

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Vincent du Vigneaud, Ph.D., *Biochemistry.*

George Byron Roth, A.B., M.D., *Pharmacology.*

Earl Baldwin McKinley, A.B., M.D., *Bacteriology.*

Edward Bright Vedder, A.M., M.D., Sc.D., *Experimental Medicine.*

Walter Freeman, Ph.D., M.D., *Neurology.*

Roger Morrison Choisser, B.S., M.D., *Pathology.*

William Beverley Mason, M.D., *Oto-rhino-laryngology.*

Harry Hampton Donnally, A.M., M.D., *Pediatrics.*

Francis Randall Hagner, M.D., *Urology.*

William Thornwall Davis, M.D., *Ophthalmology.*

Errett Cyril Albritton, A.B., M.D., *Physiology.*

Charles Augustus Simpson, M.D., *Dermatology and Syphilology.*

William Alanson White, A.M., M.D., *Psychiatry.*

Radford Brown, M.D., *Obstetrics and Gynecology.*

Walter Andrew Bloedorn, A.M., M.D., *Medicine.*

Charles Stanley White, M.D., *Surgery.*

DEPARTMENT OF MEDICINE

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 Custis Lee Hall, M.D. Nathan Norman Smiler, M.D.
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Benjamin F. Dean, Jr., A.B., M.D.	William Ross Morris, M.D.
Alec Horwitz, M.S., M.D.	Julius Salem Neviaser, A.B., M.D.
Harold Walter Krogh, D.D.S.	James Lloyd Collins, A.B., M.D.

DEPARTMENT OF UROLOGY

Frederick August Reuter, M.D., *Executive Officer*

Homer Gifford Fuller, Ph.B., M.D.	Miles Parker Omohundro, M.D.
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Alan Jeffries Chenery, M.D.	Norvell Belt, A.B., M.D.
Charles Perry Howze, M.D.	William Glenn Young, M.D.

DEPARTMENT OF OPHTHALMOLOGY

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William Herndon Jenkins, M.D.	LeRoy Lee Sawyer, Jr., A.B., M.D.
Boyce Richardson Bolton, M.D.	Aubrey David Fischer, M.D.
David Davis, A.B., M.D.	Jeter Carroll Bradley, M.D.

Lyman Brooke Tibbets, Phar.D., M.D.

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Richard Lee Silvester, M.S., M.D.	Clayton Howard Hixson, M.D.
Henry Laurant Darner, A.B., M.D.	Helen Gladys Kain, B.S., M.D.
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George Nordlinger, A.B., M.D.	Henry J. R. McNitt, B.S., M.D.
Herbert Percy Ramsey, A.B., M.D.	Bernard Notes, M.D.

Samuel Mayer Dodek, A.M., M.D.

MEMBERS OF THE GALLINGER HOSPITAL STAFF WHO HOLD
APPOINTMENTS IN THE SCHOOL OF MEDICINE

Walter Andrew Bloedorn, A.M., M.D., *Chief of Staff.*

Charles Stanley White, M.D., *Head, Department of Surgery.*

Howard Francis Kane, A.B., M.D., *Head, Department of Obstetrics and
Gynecology.*

DEPARTMENT OF MEDICINE

GENERAL MEDICINE

Coursen Baxter Conklin, A.M., M.D., *Chief of Service.*

Stuart Oliver Foster, A.B., M.D., *Chief of Service.*

Maurice Protas, A.B., M.D., *Chief of Service.*

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Frank Adelbert Hornaday, M.S., M.D., *Chief of Service.*

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George Louis Weller, Jr., A.B., M.D., *Associate.*

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Margaret Mary Nicholson, A.B., M.D., *Visiting Physician.*

Elizabeth Emery Chickering, A.B., M.D., *Visiting Physician.*

Aaron Nimetz, A.B., M.D., *Visiting Physician.*

CONTAGIOUS DISEASES

James Alfred Rolls, A.B., M.D., *Visiting Physician.*

DERMATOLOGY

George William Creswell, A.B., M.D., *Visiting Physician.*

Harry Ford Anderson, M.D., *Visiting Physician.*

DEPARTMENT OF SURGERY

GENERAL SURGERY

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William Wiley Chase, A.B., M.D., *Associate.*
James Lloyd Collins, A.B., M.D., *Associate.*
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Philip Oscar Pelland, M.D., *Visiting Surgeon.*
Julius Salem Neviaser, A.B., M.D., *Visiting Surgeon.*

OPHTHALMOLOGY

Ernest Alfred Watson Sheppard, M.D.C.M., *Visiting Surgeon.*
George Victor Simpson, M.D., *Visiting Surgeon.*
Edgar Leonard Goodman, M.D., M.M.S., *Visiting Surgeon.*

OTOLARYNGOLOGY

Don R. Johnson, LL.B., M.D., *Visiting Surgeon.*
David Davis, A.B., M.D., *Visiting Surgeon.*
LeRoy Lee Sawyer, Jr., A.B., M.D., *Visiting Surgeon.*
Aubrey David Fischer, M.D., *Visiting Surgeon.*
Jeter Carroll Bradley, M.D., *Visiting Surgeon.*
Lyman Brooke Tibbets, Phar.D., M.D., *Visiting Surgeon.*

UROLOGY

Thomas Carlton Thompson, B.S., M.D., *Chief.*
Miles Parker Omohundro, M.D., *Visiting Surgeon.*
Gilbert Ottenberg, A.M., M.D., *Visiting Surgeon.*
Alan Jeffries Chenery, M.D., *Visiting Surgeon.*

ANESTHESIA

Cline N. Chipman, M.D., *Chief.*
Charles Wilbur Hyde, M.D., *Visiting Surgeon.*
Francis George Speidel, M.D., *Visiting Surgeon.*

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

- Joseph Harris, A.B., M.D., *Chief of Service.*
William Raymond Thomas, M.D., *Chief of Service.*
William Preston Haynes, A.B., M.D., *Chief of Service.*
George Nordlinger, A.B., M.D., *Chief of Service.*
Clayton Howard Hixson, M.D., *Associate.*
Bernard Notes, M.D., *Associate.*
Laurence Lee Cockerille, M.D., *Associate.*
Samuel Mayer Dodek, A.M., M.D., *Associate.*

GYNECOLOGY

- Radford Brown, M.D., *Chief of Service.*
Henry Luran Darner, A.B., M.D., *Chief of Service.*
Herbert Percy Ramsey, A.B., M.D., *Chief of Service.*
Jacob Kotz, M.D., *Chief of Service.*
Henry John Russell McNitt, B.S., M.D., *Associate.*
Bernard Notes, M.D., *Associate.*
Laurence Lee Cockerille, M.D., *Associate.*
Esther Alsylvia Nathanson, A.B., M.D., *Associate.*

DEPARTMENT OF PSYCHIATRY AND NEUROLOGY

PSYCHIATRY

- William Alanson White, A.M., M.D., *Visiting Physician.*
Harriet Elizabeth Twombly, A.B., M.D., *Visiting Physician.*

NEUROLOGY

- Walter Freeman, Ph.D., M.D., *Visiting Physician.*
Hyman David Shapiro, M.D., *Visiting Physician.*
James Winston Watts, M.D., *Visiting Physician.*

DEPARTMENT OF LABORATORIES AND RADIOLOGY

PATHOLOGY

- Edward Bright Vedder, A.M., M.D., Sc.D., *Visiting Physician.*
Roger Morrison Choisser, B.S., M.D., *Visiting Pathologist.*
Duane Case Richtmeyer, A.M., M.D., *Visiting Pathologist.*

SPECIAL CONSULTANTS

- William Beverley Mason, M.D., *Consultant in Oto-rhino-laryngology.*
Harry Hampton Donnally, A.M., M.D., *Consultant in Pediatrics.*

William Johnston Mallory, A.M., M.D., *Consultant in Medicine.*

Francis Randall Hagner, M.D., *Consultant in Urology.*

Charles Augustus Simpson, M.D., *Consultant in Dermatology.*

William Thornwall Davis, M.D., *Consultant in Ophthalmology.*

GENERAL INFORMATION

INTRODUCTORY

The School of Medicine of The George Washington University, the eleventh medical school established in the United States, opened in March 1825. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which has been designated continuously as class "A" by the American Medical Association. The degrees of the School of Medicine are recognized by all State examining boards.

LOCATION AND ADVANTAGES

The city of Washington, with more than a half-million inhabitants, provides ample clinical material. The University Hospital and Dispensary furnish clinical facilities and a large proportion of the materials studied in the courses in Pathology and Clinical Microscopy.

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various Government departments, is open to medical students.

The Army Medical Museum affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequaled by any other museum in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture, all afford opportunities for study in Medicine and its allied sciences.

EQUIPMENT

Medical School Building.—The building housing the School of Medicine is a modern, five-story structure with lecture- and classrooms, laboratories, and students' rooms, equipped with modern improvements. A four-story laboratory building is adjacent to the main medical building.

Laboratories.—The major laboratories are for Anatomy, Biochemistry,

Histology and Embryology, Physiology and Pharmacology, Bacteriology, Hygiene and Preventive Medicine, Clinical Microscopy, and Pathology. They are fully equipped to enable students to pursue adequately the laboratory courses and acquire the technical skill necessary in modern clinical and investigative work.

Medical Library.—The Library contains a selected reference collection of more than 3,000 volumes, and provision is made to add to it the important new medical works. The principal medical periodicals are received regularly.

For purposes of advanced study and research the Library of the Surgeon General of the Army is available to all students and teachers through a service maintained by the Medical School Library.

CLINICAL FACILITIES

The University Hospital and the University Dispensary.—The Hospital and Dispensary are part of the educational equipment of the University. They are adjacent to the School of Medicine and are controlled by the Faculty of Medicine. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. The Faculty believes that clinical teaching should be thoroughly systematized. To this end, all clinics are under the supervision of the Assistant Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do under authoritative supervision the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinicopathological conferences are held in which the history of cases, the physical findings, laboratory records, and the post-mortem pathology when available, are presented and correlated. The Assistant Dean assigns the students to the different clinics, and supervises the records, the attendance, and the instruction of students. Third-year students are assigned in rotation by sections for clinical instruction in the Dispensary.

Gallinger Municipal Hospital.—Clinical instruction is available in all branches of Medicine. A great wealth of clinical material is afforded in this hospital by ordinance of the municipal authorities of the District of Columbia, whereby one half of the patients are assigned for treatment and clinical teaching to members of the Faculty of this School, nominated by this University.

Children's Hospital.—Clinical instruction in Pediatrics and General and Orthopedic Surgery.

Emergency Hospital and Central Dispensary.—Clinical instruction in

Medicine, Surgery—particularly in emergency surgery, fractures, and dislocations—Dermatology, and Orthopedics.

Garfield Memorial Hospital.—Clinical instruction in Medicine, including contagious diseases, Surgery, Gynecology, and Obstetrics.

St. Elizabeth's Hospital.—Clinical instruction in mental and nervous diseases, Medicine, Surgery, post-mortem work, and Gross Pathology. This hospital, with four thousand beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

The Episcopal Eye, Ear, Nose, and Throat Hospital.—Clinical instruction in Ophthalmology, Otology, Laryngology, and Rhinology.

ADMISSION

The minimum requirement for admission is two years of college work, totaling at least sixty semester-hours, taken in an accredited college of arts and sciences.

SPECIFIC EDUCATIONAL REQUIREMENTS

SECONDARY-SCHOOL REQUIREMENTS

Of the fifteen secondary-school units required, three must be in English, two in one foreign language (ancient or modern), one in Algebra, one in Geometry, one in History, and one in Science (Botany, Chemistry, Physics, or Zoology). Eleven of the units offered must be in English, foreign language, Mathematics, Science, and History. No candidate will be accepted with any condition in secondary-school work.

PREMEDICAL-COLLEGE REQUIREMENTS

1. Chemistry, twelve semester-hours as follows: (a) Eight semester-hours of General Inorganic Chemistry, of which at least four semester-hours are laboratory work. Qualitative Analysis may be counted as General Inorganic Chemistry. (b) Four semester-hours of Organic Chemistry, of which two semester-hours are laboratory work. It is strongly recommended, however, that an additional four semester-hours of Organic Chemistry be taken.

2. Physics, eight semester-hours, of which at least two semester-hours are laboratory work. It is recommended that this course be preceded by one in Trigonometry.

3. Biology, eight semester-hours, of which at least four semester-hours are laboratory work. This requirement may be satisfied by a course of eight semester-hours in either General Biology or Zoology, or by a course of four semester-hours each in Zoology and Botany, but not by Botany alone.

4. English composition and literature, six semester-hours. The usual introductory college course, or its equivalent.

5. Modern foreign language. A reading knowledge, preferably of French or German.

6. Electives. It is recommended that the remaining semester-hours required include: (a) Comparative Vertebrate Anatomy; (b) Qualitative and Quantitative Chemistry; (c) Social Science and Psychology.

No student will be accepted with any condition in college work.

APPLICATION FOR ADMISSION

1. Forms upon which to submit records of secondary-school and college work will be furnished on request.

All credentials submitted are to be made out by the proper school and college authorities and mailed by them to the Director of Admissions The George Washington University, 2033 G Street NW., Washington, D.C. Photostat copies of credentials without the original signature of the certifying authority will not be accepted.

Each form must cover only work done at the school or college which fills out the form.

2. A recent photograph, with signature, is required of each applicant.

3. As the number of qualified applicants for admission to the School each year far exceeds its capacity, those who wish to insure admission are urged to secure from the schools and colleges attended completely compiled premedical credentials and forward them for evaluation as long a time as possible before the opening of the School of Medicine in September.

ADVANCED STANDING

Students who have satisfactorily attended one or more terms at any other class-A medical school and who have the necessary preliminary educational requirements, may be admitted to advanced standing. No student, however, will be admitted to advanced standing in the senior class.

LEGAL STANDARDS

The laws relating to the preliminary educational qualifications required of physicians differ in many of the States, and candidates are advised that if they meet the premedical and other requirements of this School they will be able to comply with the legal demands of all State Examining Boards in the United States.

REGISTRATION AND ADMISSION TO CLASSES

Registration in the School of Medicine is for a period of one year. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever, in the interest of the student or the School, the Faculty deems it advisable to do so.

Students are admitted to classes on presentation of the Comptroller's ticket which is issued when all required fees have been paid.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

Fees for each semester (including the University fee) are \$250, payable in advance.

All fees are payable at the Office of the Comptroller of the University, 2033 G Street NW. Fees due must be paid at the time of registration; no student is permitted to complete registration or to attend classes until fees are paid.

On account of the many applications for admission, and as the size of the freshman class is limited, places can be reserved only for those qualified applicants who remit a deposit of \$100, which will be credited toward the tuition of the first semester. Should unusual circumstances arise whereby the matriculant is unable to attend, this initial payment, less a charge of \$25 for registration, transfer, etc., will be returned up to one month before the opening of the session, or thereafter provided the place is satisfactorily filled.

Students will be required to pay for injury to apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata. Each student is required, at the completion of laboratory courses, to replace or pay for all articles of equipment which he has lost, broken, or destroyed. Credit for work will not be given until this is done.

COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$150; second year, \$87; third year, \$60; fourth year, \$60; total, \$357.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

The Ordranax Prize of \$100 is awarded to the member of the graduating class of the School of Medicine who has completed the four-year medical course with the highest scholastic standing.

The following loan funds are available to students in the School of Medicine: Daughters of the American Revolution Loan Fund; Harmon Foundation Loan Fund; Henry Strong Educational Foundation Loan Fund; and the University Loan Fund.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Experimental Medicine; Medicine; Neurology; Obstetrics and Gynecology; Ophthalmology; Oto-rhino-laryngology; Pathology; Pediatrics; Pharmacology and Therapeutics; Physiology; Psychiatry; Surgery; and Urology.

CLINICS

Courses of clinical instruction are included in the announcements of the clinical departments. The Assistant Dean prepares schedules of clinics and of student section assignments to the various hospitals and dispensaries.

GENERAL REGULATIONS

Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

ATTENDANCE

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed. Absence is not allowed unless an excuse is obtained from the Dean or the instructor. Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the office of the Dean. For every unexcused absence a department will deduct one half of 1 per cent from the student's final grade in the subject involved.

GRADES

Proficiency in all subjects is marked on a basis of *A* (90-100); *B* (80-90); *C* (75-80); *D* (65-74), condition; *E* (below 65), failure; *I*, incomplete. The passing grade in each subject is *C*.

ADVANCEMENT

Any student who has satisfactorily completed the required work of the first, second, or third year of the course and has passed all examinations is eligible for advanced standing, if approved by the Scholarship Committee. No student may be enrolled for the clinical work of the third and fourth years without first having qualified in all the premedical sciences.

FAILURE

A student who has failed in any subject will not be advanced until such failure is removed and then only by authority of the Scholarship Committee. All conditions must be removed at the next make-up examination period provided for this purpose.

EXAMINATIONS

Examinations may be written, oral, or practical, and will be held at the end of the first semester and at the end of the academic year.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Scholarship Committee. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

SPECIAL UNDERGRADUATE AND GRADUATE ADVANTAGES
IN THE SCHOOL OF MEDICINE

The payment of the University fee, charged all students, entitles them to certain health services described under the Department of Health Administration, page 243. Payment of this fee also secures for student certain student-activity privileges, which are explained on page 16.

PHYSICAL EXAMINATIONS

All first-year students are given a comprehensive physical examination by the Department of Health Administration upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

HOSPITAL APPOINTMENTS

Interns are appointed annually in the University Hospital. Similar appointments are made to graduates and undergraduates of this School in the following hospitals of the District: Casualty Hospital; Children's Hospital; Columbia Hospital for Women; Emergency Hospital; Episcopal Eye, Ear, Nose, and Throat Hospital; Gallinger Municipal Hospital; Garfield Memorial Hospital; Providence Hospital; St. Elizabeth's Hospital; Sibley Hospital; Tuberculosis Hospital; and Walter Reed United States Army General Hospital.

Students who, after graduation, desire internships in hospitals outside the District of Columbia, should apply directly to the institutions which they wish to enter. A list of hospitals approved for intern training is published annually in the *Journal of the American Medical Association*, and a copy of the list may be consulted in the office of the Dean.

COMMISSION ON LICENSURE, DISTRICT OF COLUMBIA

Graduates who wish to take the examinations of the Commission on Licensure, District of Columbia, or desire to use the District license for reciprocity with the States, should apply to the Secretary, Commission on Licensure, Healing Arts Practice Act, District Building, Washington, D.C.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905. All alumni and members of the Faculty are eligible for membership on election. Meetings of the society are held in the School of Medicine on the third Saturday evening of each month from October to May. Senior students may be invited to attend the meetings of this society.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred. The degree of Doctor of Medicine given by this University is recognized by all State Examining Boards in the United States.

REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

COMBINED ARTS AND MEDICINE CURRICULUM

Candidates register in the Junior College for the freshman and sophomore years of the premedical curriculum and in Columbian College for the junior year. In order to be recommended for the degree of Bachelor of Arts candidates must complete at least ninety-four semester-hours of prescribed college work, including Physical Education (at least thirty semester-hours and one year of residence must be completed in Columbian College), and the first year of the medical curriculum. Upon completion of the fourth year in the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

In certain selected cases where students have completed three years of work in an approved college of arts, other than The George Washington University, with an excellent scholastic record, such students may be recommended to the University by the Faculty of Medicine for the degree of Bachelor of Arts in the University at large upon the completion of the first year in Medicine, provided a high standard of scholarship is maintained in the School of Medicine.

PLAN OF INSTRUCTION

Each year of the medical curriculum is divided into two semesters of sixteen weeks each. The curriculum for the degree of Doctor of Medicine must begin with the fall semester.

Under the order of the work there is a coordination in the offerings of the several departments which enables the student to concentrate his attention upon the subject materials in such a way that they can be readily understood and recognized as integrated parts of a unified training. The salient features in the method of instruction are thorough laboratory training, demonstrations, and clinical teaching, with recitations and lectures to clarify the many problems presented. The clinical material in the various hospitals and out-patient departments is utilized to the fullest extent for both clinical instruction and laboratory work.

HONORS

Candidates who have completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction".

For catalogues, application blanks, and further information, address the Director of Admissions, The George Washington University, 2033 G Street NW., Washington, D.C.

THE LAW SCHOOL

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*

STAFF OF INSTRUCTION

Walter Collins Clephane, LL.M., LL.D., *Professor of Law.*
John Wilmer Latimer, LL.B., *Professor of Law.*
William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law.*
Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law.*
Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law.*
Walter Lewis Moll, A.B., LL.B., S.J.D., *Professor of Law.*
Joseph Winston Cox, LL.B., *Adjunct Professor of Law.*
Lloyd Hall Sutton, B.S., LL.B., *Adjunct Professor of Law.*
William Thomas Fryer, A.B., LL.B., J.D., *Associate Professor of Law.*
Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Associate Professor of Law.*
Carville Dickinson Benson, Jr., A.B., LL.B., S.J.D., *Associate Professor of Law.*
James Forrester Davison, A.B., LL.M., S.J.D., *Assistant Professor of Law.*
*John Albert McIntire, A.B., LL.B., *Assistant Professor of Law.*
_____, *Assistant Professor of Law.*
Levi Russell Alden, A.M., LL.B., *Lecturer in Law.*
Gilbert Lewis Hall, A.B., LL.B., *Lecturer in Law.*
Clarence Altha Miller, LL.M., *Lecturer in Law.*
Ralph Hoskins Hudson, Graduate U.S. Naval Academy, LL.B., *Lecturer in Law.*
James Oliver Murdock, Ph.B., LL.B., *Lecturer in Law.*
James Robert Kirkland, A.B., LL.M., C.P.A., *Lecturer in Law.*
Chester Charles Ward, B.S., LL.B., *Instructor in Law.*
Frederick Charles O'Connell, LL.M., *Associate in Law and Clerk of the Moot Court.*

*On leave 1935-36.

MOOT COURT OF APPEALS

Brainard Warner Parker, LL.B., *Chief Justice.*George Francis Williams, LL.M., *Associate Justice.*Paul Edgar Lesh, LL.M., *Associate Justice.*

COMMITTEES*

THE DEAN'S COUNCIL†

Carville Dickinson Benson, Jr.

John Albert McIntire

Charles Sager Collier

Walter Lewis Moll

James Forrester Davison

Saul Chesterfield Oppenheim

William Thomas Fryer

Hector Galloway Spaulding

COMMITTEE ON LIBRARY

James Forrester Davison, *Chairman*

James Oliver Murdock

Carville Dickinson Benson, Jr.

The Law Librarian

COMMITTEE ON REINSTATEMENT

Saul Chesterfield Oppenheim, *Chairman*

Hector Galloway Spaulding

William Thomas Fryer

COMMITTEE ON PROGRAMS FOR FACULTY MEETINGS

Charles Sager Collier, *Chairman*

Carville Dickinson Benson, Jr.

James Forrester Davison

ADVISERS ON REGISTRATION

Walter Lewis Moll

Hector Galloway Spaulding

John Albert McIntire

ADVISER TO PRELEGAL STUDENTS

Carville Dickinson Benson, Jr.

GENERAL INFORMATION

INTRODUCTORY

The George Washington University Law School, established in 1826, discontinued somewhat later, and reorganized in 1865, is the oldest in the District of Columbia. The course of instruction for the degree of

* The President of the University and the Dean of the Law School are ex-officio members of all committees.

† Elected by the Faculty

Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A course leading to the degree of Master of Laws was added in 1877. In 1900 the School took part in the organization of the Association of American Law Schools and has been a member of the Association since that time. In 1911 the School became coeducational. In 1924 the late afternoon course for students with limited schedules was increased to four years. On September 1, 1925, the entrance requirements were increased to two years of college work. The School is approved by the Council of Legal Education of the American Bar Association. Since September 1, 1925, it has occupied a new building, designed and constructed for its use. This building is named Stockton Hall in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. It contains nine classrooms, library space with a maximum capacity of 40,000 volumes, and ten offices for professors.

THE LIBRARY

The Law School Library of nearly 18,000 volumes contains the decisions of the highest courts of all the States, the Reports of the United States Supreme Court and other Federal courts, the English Reprints and English Law Reports, the United States Statutes, the statutes of all the States, the English statutes, the principal English and American digests, legal encyclopedias and collections of annotated cases, and the leading textbooks and legal periodicals.

The library is open from 9 a.m. to 11 p.m. each class day (Saturday, 9 a.m. to 7 p.m.) and from 2 to 6 p.m. on Sunday.

THE LAW REVIEW

The *George Washington Law Review*, published quarterly by the University, is edited by the Faculty and students of the Law School. It is devoted exclusively to the field of governmental and Federal public law. The location of the University in the National Capital, where the primary sources of Federal public law may be observed in operation, affords a unique opportunity for specialization in this field. Among the subjects included in this field are administrative law, admiralty, conflict of laws, constitutional law, federal trade commission, international law, interstate commerce, immigration, patents, copyrights, trade marks, taxation, trade regulation, tariff commission, radio commission, and veteran's administration.

The editorial work of the *Review* is in charge of a Faculty editor-in-chief, a Faculty board of associate editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year from those students who have completed forty semester-hours or more with an average grade of B or better.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

Applications for admission and certificates of prelegal study should be filed with the Director of Admissions not later than two weeks before the registration period. Applications for admission with advanced standing should be filed with the Dean of the Law School not later than ten days before the registration period.

FOR THE BACHELOR OF LAWS DEGREE

Candidates for this degree must have completed before admission fifteen units of approved secondary-school work, and at least two years—sixty semester-hour credits—of approved college work. The completion of this work must be evidenced by proper certificates. In no case will a student be admitted with a condition in any part of the entrance requirement. An application for admission may be rejected on the ground of unsatisfactory scholarship in prelegal studies.

The college work required for admission may be completed in the Junior College of The George Washington University. Applicants for such college work should communicate with the Director of Admissions of the University.

ADVANCED STANDING

Students from approved law schools may receive not more than two years credit toward the degree of Bachelor of Laws for work done in such schools. Applicants for admission with advanced standing must file certified transcripts of record showing high-school, college, and law credits. The right is reserved to refuse such credit, in whole or in part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work. No student will be admitted who has been in attendance at another law school and is ineligible, because of poor scholarship, to return to that school.

Students intending to attend summer-school sessions at other law schools and desiring to use credits obtained at such schools in their course for the degree of Bachelor of Laws at this Law School, must first have the courses they wish to take approved by the Dean. In no event will credits be recognized in excess of those which might be obtained in a similar period in this School.

FOR THE MASTER OF LAWS DEGREE

Candidates for this degree must have completed at the time of their admission not less than two years of work in an approved college, must have received the degree of Bachelor of Laws or an equivalent degree from an accredited law school, and must have attained in the course for

the law degree an average grade equivalent to the grade of *B* in this Law School or must have been admitted by special action of the Dean's Council.

UNCLASSIFIED STUDENTS

Persons eligible for admission to regular standing may, in the discretion of the Dean, be admitted as unclassified students, to courses aggregating not more than four hours a week.

UNIVERSITY STUDENTS IN THE LAW SCHOOL

A limited number of persons who cannot qualify as candidates for a degree in Law, but who are over twenty-five years of age and because of their maturity, training, and experience seem qualified to pursue the study of Law, may be admitted to the Division of University Students as "university" students. Candidates for admission as university students in Law must file written applications, setting forth their qualifications in detail, and letters and certificates to prove the facts stated therein as to their education and experience. Work done by such university students will not be counted toward a degree.

REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in the Law School until proper credentials have been filed and approved by the proper officers of the University (see "Admission", above).

Only with the approval of the Dean's Council may a student be permitted to register in the second semester of a year subject before he has completed the attendance in the first semester of that subject.

In all cases where students are permitted to register in one semester of a year subject, they must register for the other semester of that subject not later than one calendar year from the time the attendance in the first semester was completed.

Registration is permitted at the beginning of either semester. Students beginning the study of Law in the second semester, however, may pursue only a limited schedule. Such students may pursue other first-year courses in the succeeding summer session.

Qualified students who are entitled to advanced standing on records from other approved law schools or who have completed courses at this Law School during former periods of attendance, may register at the beginning of the second semester for subjects which commence at that time, but not for year subjects.

Registration days for the academic year 1935-36 will be Saturday, Monday, and Tuesday, September 21, 23, and 24, 1935, and Wednesday and Thursday, February 5 and 6, 1936. Except where special permission

is given, students must register on the regular registration days. A late-registration fee of \$5 will be charged each student who is permitted to register after the regular registration days. No registration may be made for a semester subject after the first two weeks of a semester, or for a year subject after the first four weeks of the year.

Registration may be changed only with the permission of the Dean. A fee of \$2 will be charged for each such change.

For further information regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

The following prizes are awarded annually in the Law School: Ellsworth Prize; Samuel Herrick Prize; John Bell Lerner Prize; and the Ordronaux Prizes.

Through the generosity of friends of the University a number of loan funds are available to students in the Law School. Among them is the Henry Strong-William A. Maury Scholarship Loan Fund, established by the Henry Strong Educational Foundation in memory of Henry Strong and William A. Maury. Application for loans should be made to the Comptroller of the University.

For further particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

ORDER OF THE COIF

The Order of the Coif is a national honor society with chapters in thirty-two law schools, the purpose of which is "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship." The George Washington University Chapter was established in 1926. Students are elected each year from the highest ranking 10 per cent of the graduating class of the Law School.

GENERAL REGULATIONS

Students in the Law School are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-50 and 69-74.

AMOUNT OF WORK

A student who takes a majority of his courses in the full-time sections, from 9.10 a.m. to 1 p.m., may, with the permission of the Dean, take

work not exceeding fifteen hours a week. For such students the minimum period of attendance is three academic years.

A student who takes a majority of his courses in the afternoon sections may not register for more than ten hours a week. For such students the minimum period of attendance is four academic years.

The amount of work carried by any student may be restricted when, in the judgment of the Dean, the best interests of the student require it.

ATTENDANCE

No student will be allowed credit in any subject unless he has been regularly registered and in regular attendance and has done all the work required in the course in that subject.

GRADES

The grade of a student in each subject is indicated by the letters *P* (55), pass, or *F* (below 55), failed. The meaning of these grades is as follows:

P, pass, means that the work has been successfully completed and full credit given for the subject.

F, failed, means that the work in the subject has been a failure and that no credit will be given. To obtain credit the student must repeat the subject; but a student who, in the work of the year, has received a grade of *F* in one subject only and obtained a general average of *C*, may take the next regular examination in that subject, and if on such reexamination he attains the grade of *C* or better, he will be given a grade of *D* (60) in the subject.

At the end of each academic year each student is given an average numerical grade for his work for the year. These numerical grades rank as follows: *A* (85-100), excellent; *B* (75-84), very good; *C* (65-74), good; *D* (60-64), poor; *U* (below 60), unsatisfactory.

EXAMINATIONS

Written examinations are held at the close of the first semester in subjects which are then completed and at the close of the second semester in all other subjects. All students are required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the final examination in a subject with the class in which he is enrolled, may take the next regular examination given in the subject.

No student shall be given an examination in, nor permitted to receive credit in, less than an entire subject. In any case where a student is permitted to register for one semester only of a year subject, he may not take the examination in that subject until the other semester has been completed. If no regular examination in that subject is scheduled at the

time the other semester is completed, then the student shall not be given a special examination but shall be required to take the next regular examination.

No special examinations will be given; except, that upon written application to the Dean's Council, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, in the discretion of the Dean's Council, be given a special examination not less than sixty days after the date of the one which he failed to take.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of semester-hours of credit as follows: first year, to twenty-seven; second year, twenty-eight to fifty-five; third year, fifty-six or more.

COURSES OF INSTRUCTION

The courses of instruction in Law are listed on pages 251-55.

THE DEGREES

Upon the satisfactory completion of the requirements of the Law School, the degree of Bachelor of Laws or Master of Laws is conferred.

REQUIREMENTS FOR THE BACHELOR OF LAWS DEGREE

To be recommended for a degree a student must satisfy the admission, residence, and scholarship requirements and must complete the prescribed number of credits and required subjects. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

RESIDENCE

The residence requirement for this degree is three academic years for full-time students or four academic years for students with limited schedules. A year's attendance in the late afternoon classes for students with limited schedules is counted as residence for three fourths of a year. In the case of students admitted with advanced standing, at least one full year of this residence requirement must be spent in The George Washington University.

A student who at the end of any regular period of residence—the first semester, the second semester, or the summer session—has completed subjects which equal in semester-hours the total number of semester-hours required for the degree for which he is a candidate, but has failed to complete the full residence requirements for that degree, must be in

residence during additional periods sufficient to satisfy completely the residence requirements. In all such cases the student must be in residence during the entire period and must satisfy the attendance requirements of, and pass the examination in, at least one subject.

CURRICULUM REQUIREMENTS

The curriculum leading to the degree of Bachelor of Laws is set forth under the first, second, and third years of the "Plan of Study", below. The successful completion of the courses there listed is required for the degree. The credit requirement is a minimum of eighty semester-hours.

COMBINED ARTS AND LAW CURRICULUM

The University will confer the degree of Bachelor of Arts upon the completion of three years of college work and the first year in the Law School. In order to be certified as having satisfactorily completed one year of law work, the student must have completed twenty-eight semester-hours in the Law School, with an average of C or better (see the Columbian College announcement, page 98). The Bachelor of Laws degree will be conferred upon the completion of the remainder of the work for that degree.

COMBINED ENGINEERING AND LAW CURRICULUM

The University will confer the degree of Bachelor of Science in Engineering upon the completion of the first three years of the curriculum for that degree in the School of Engineering and the first year in the Law School (see the School of Engineering announcement, page 143). The Bachelor of Laws degree will be conferred upon the completion of the remainder of the work for that degree.

SCHOLARSHIP

The eighty semester-hours of work required for the degree must be completed with an average grade of at least C.

Unless a student in each academic year receives a grade above F in at least three fourths of the semester-hours for which he is registered and obtains a numerical average grade of not less than 60, he will be denied registration in the future; but upon written application to the Committee on Reinstatement, showing sufficient cause, and after a personal hearing, if he so desires, he may be reinstated on such conditions as the committee may impose. (See the University ruling covering dismissal, page 74.)

HONORS

The degree of Bachelor of Laws "with distinction" will be awarded students who obtain an average grade of A

REQUIREMENTS FOR THE MASTER OF LAWS DEGREE

Candidates for the degree of Master of Laws must complete twenty semester-hours of work in subjects not counted toward the degree of Bachelor of Laws.

This degree will not be conferred until one academic year after the candidate receives the degree of Bachelor of Laws. All requirements must be completed in not exceeding two years after registration for the work for the degree.

SCHOLARSHIP

Courses taken for the Master's degree must be completed with an average grade of not less than *B*.

REQUIRED SUBJECTS

Trusts, Conflict of Laws, and Constitutional Law must be included in the course for the degree of Master of Laws if not previously taken. No first-year subject and no second-year required subject may be counted toward this degree.

PLAN OF STUDY

The subject matter is so arranged in the curriculum as to give an understanding of the relations between subjects. For this reason the subjects, except where special permission has been given, must be taken in the order provided for in the plan of instruction.

Qualified third-year students may elect a limited number of graduate subjects and count them toward the degree of Bachelor of Laws.

Candidates for the degree of Master of Laws may elect and count toward that degree third-year subjects not already counted toward the degree of Bachelor of Laws.

First Year		Sem. hrs.	Second Year		Sem. hrs.
Civil Procedure.....	4		Bills and Notes.....	4	4
Contracts.....	4		Constitutional Law I.....	4	4
Criminal Law and Procedure.....	4		Equity II.....	4	4
Personal Property.....	4		Evidence.....	4	4
Real Property I.....	4		Real Property II.....	4	8
Torts.....	4		Electives.....		8
Electives.....	4				28
Total.....	28		Total.....		
Third Year			Master of Laws		
Business Associations.....	4		Administrative Law.....	4	4
Moot Court.....	4		History of Law.....	4	4
Electives.....	16		International Law.....	4	8
			Electives.....		8
Total.....	24		Total.....		20

Courses from which electives may be selected are as follows: for the first and second years, Agency (4), Domestic Relations (2), Insurance (2), Quasi-contracts (2), Sales (4); for the third year and for the Master of Laws degree, Admiralty (2), Briefmaking (1), Conflict of Laws (4), Constitutional Law II (4), Creditor's Rights (2), Equity III (2), Federal Jurisdiction (2), Future Interests (2), Government Corporations (2), Interstate Commerce Law (2), Jurisprudence (2), Labor Law (2), Municipal Corporations (2), Organization of Corporations (1), Patent Law (4), Patent Moot Court (4), Public Utilities (2), Security (2), Taxation (4), Trade Regulation (4), Trusts (4). Figures in parentheses indicate the number of semester-hours of credit.

For catalogues, application blanks, and further information, address the Dean of the Law School, The George Washington University, Stockton Hall, Washington, D.C.

THE SCHOOL OF ENGINEERING

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
John Raymond Lapham, M.S., *Dean of the School of Engineering.*

STAFF OF INSTRUCTION

John Raymond Lapham, M.S., *Professor of Civil Engineering.*
Frank Artemas Hitchcock, M.S., C.E., *Professor of Civil Engineering.*
Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry.*
Edward Henry Sehrt, Ph.D., *Professor of German.*
Walter Lynn Cheney, Ph.D., *Professor of Physics.*
Norman Bruce Ames, B.S., E.F., LL.B., *Professor of Electrical Engineering.*
Arthur Frederick Johnson, M.E., *Professor of Mechanical Engineering.*
James Henry Taylor, Ph.D., *Professor of Mathematics.*
Harold Griffith Sutton, M.S., *Associate Professor of Finance.*
Merle Irving Protzman, A.M., *Associate Professor of Romance Languages.*
Benjamin Carpenter Cruickshanks, B.S. in M.E., *Associate Professor of Mechanical Engineering.*
Douglas Bement, A.M., LL.B., *Assistant Professor of English.*
Alfred Ennis, M.S. in E.E., *Assistant Professor of Electrical Engineering.*
Charles Edward Cook, B.S. in C.E., *Assistant Professor of Civil Engineering.*
Max Allen Lett, M.S. in M.E., *Instructor in Mechanical Engineering.*
Joseph Carl Oleinik, M.S., *Associate in Civil Engineering.*
Edgar Stover Walker, B.S. in C.E., *Associate in Civil Engineering.*

THE DEAN'S COUNCIL*

1936

Benjamin Carpenter Cruickshanks
James Henry Taylor

1937

Frank Artemas Hitchcock
Arthur Frederick Johnson

1938

Walter Lynn Cheney
Alfred Ennis

*Elected by the Faculty. The President of the University and the Dean of the School of Engineering are ex-officio members.

GENERAL INFORMATION

INTRODUCTORY

The School of Engineering was organized in 1884 under the name of the Corcoran Scientific School.

ADMISSION

For a statement of the regulations and procedure for admission, see pages 48-52

REGISTRATION

For information and regulations regarding registration, see pages 53-54.
Before registration, schedules of new students must be approved by the Dean, and schedules of other students must be approved by the executive officer of the major department.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

GENERAL REGULATIONS

Students in the School of Engineering are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

The normal program of studies for full-time students is set forth below under "Curriculum Requirements". Students with limited schedules are allowed to carry not more than nine semester-hours except by permission of the Dean's Council.

CLASSIFICATION OF STUDENTS

Students are classified as *freshmen, sophomores, juniors, and seniors*, in accordance with the curriculum requirements on pages 141-43.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Engineering, the degree of Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, or Bachelor of Science is conferred.

REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. Particular attention is called to the statement of graduation requirements on pages 71-73.

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00.

Delinquency in scholarship will render the student liable to be placed on probation or suspended by the Dean's Council. Readmission will be subject to approval by the Dean's Council. (See the University ruling covering dismissal, page 74.)

CURRICULUM REQUIREMENTS

BACHELOR OF CIVIL ENGINEERING

Freshman Year		Sem. hrs.	Sophomore Year		Sem. hrs.
Chemistry 12x and 21x	8		Civil Engineering 1 and 102	7	
Economics 1-2 or modern language	6		Civil Engineering 25 and 134	6	
English 1-2	6		Civil Engineering 130	2	
Mathematics 12x and 19x	6		Economics electives	6	
Mechanical Engineering 3 and 4	4		Electrical Engineering 9-10	6	
Physical Education	2		Mathematics 20x and Mathematics elective	6	
Physics 13 and 12	6		Physical Education	2	
Total	38		Electives	3	
			Total	38	
Junior Year			Senior Year		
Civil Engineering 41 and 42	6		Civil Engineering 14	2	
Civil Engineering 61-62	4		Civil Engineering 145-46	6	
Civil Engineering 71-72	6		Civil Engineering 147-48	4	
Civil Engineering 131 and 132	6		Civil Engineering 149-50	6	
Engineering seminar	4		Civil Engineering 181-82	6	
Mechanical Engineering 111-12	6		Electives	10	
Physics 14	2		Total	34	
Total	34				

Total number of semester-hours for the four-year course, 144.

BACHELOR OF ELECTRICAL ENGINEERING

Freshman Year		Sem. hrs.	Sophomore Year		Sem. hrs.
Chemistry 12x and 21x	8		Civil Engineering 25 and 134	6	
Economics 1-2 or modern language	6		Civil Engineering 130	6	
English 1-2	6		Economics electives	6	
Mathematics 12x and 19x	6		Electrical Engineering 9-10	6	
Mechanical Engineering 3 and 4	4		Mathematics 20x and Mathematics elective	6	
Physical Education	2		Mechanical Engineering 7-8	4	
Physics 13 and 12	6		Mechanical Engineering 13-14	4	
Total	38		Physical Education	2	
Junior Year			Total	36	
Civil Engineering 1 and 14	5		Senior Year		
Civil Engineering 131 and 132	6		Electrical Engineering 103 and 140	6	
Electrical Engineering 17-18	4		Electrical Engineering 125-26	4	
Electrical Engineering 101 and 102	6		Electrical Engineering 133-34	4	
Engineering seminar	4		Electrical Engineering 137 and 136	6	
Mechanical Engineering 111-12	6		Electrical Engineering 141 and 142	2	
Physics 14	2		Mechanical Engineering 115	8	
Public Speaking 1	3		Electives	2	
Total	36		Total	34	

Total number of semester-hours for the four-year course, 144.

BACHELOR OF MECHANICAL ENGINEERING

Freshman Year		Sem. hrs.	Sophomore Year		Sem. hrs.
Chemistry 12x and 21x	8		Civil Engineering 25 and 134	6	
Economics 1-2 or modern language	6		Civil Engineering 130	6	
English 1-2	6		Economics electives	6	
Mathematics 12x and 19x	6		Electrical Engineering 9-10	6	
Mechanical Engineering 3 and 4	4		Mathematics 20x and Mathematics elective	6	
Physical Education	2		Mechanical Engineering 7-8	4	
Physics 13 and 12	6		Mechanical Engineering 13-14	4	
Total	38		Physical Education	2	
Junior Year			Total	36	
Civil Engineering 41	3		Senior Year		
Civil Engineering 131 and 132	6		Civil Engineering 1 and 14	5	
Electrical Engineering 13-14	4		Mechanical Engineering 115-16	4	
Engineering seminar	4		Mechanical Engineering 127-28	6	
Mechanical Engineering 111-12	6		Mechanical Engineering 129-30	4	
Mechanical Engineering 126	2		Mechanical Engineering 131 and 138	2	
Physics 14	2		Mechanical Engineering 133	3	
Electives	6		Mechanical Engineering 139	3	
Total	33		Mechanical Engineering 140	6	
Total			Electives	2	
Total			Total	37	

Total number of semester-hours for the four-year course, 144.

BACHELOR OF SCIENCE

Freshman Year

	Sem. hrs.
English 1-2.....	6
Mathematics 12x and 19x.....	6
Mechanical Engineering 3 and 4.....	4
Physics 13 and 12.....	6
Physical Education.....	2
Electives.....	6
Total.....	30

Sophomore Year

	Sem. hrs.
Chemistry 12x and 21x.....	8
Civil Engineering 25 and 134.....	6
Civil Engineering 130.....	2
Geology 21-22.....	6
Mathematics 20x.....	3
Physics 14.....	2
Physical Education.....	2
Electives.....	5
Total.....	34

Junior Year

Civil Engineering 14.....	2
Civil Engineering 131 and 132.....	6
Electrical Engineering 9-10.....	6
Mechanical Engineering 111-12.....	6
Electives.....	12
Total.....	32

Senior Year

Electives.....	28
Total.....	28

Total number of semester-hours for the four-year course, 124.

Electives in the freshman, sophomore, and junior years of the foregoing curriculum for the Bachelor of Science degree should be taken from the following list: Astronomy, Chemistry, Economics, Electrical laboratory, foreign language, Geology, Machine Drawing, Mathematics, Mechanical laboratory, Mechanism, Physics, Surveying, and Structures.

No student whose quality-point index is below 2.00 will be admitted to the senior year of the curriculum leading to the Bachelor of Science degree. The purpose of the senior year of this curriculum is to allow students who have demonstrated their ability to do better than passing work, to center their attention upon a group of subjects in which they have special interest. The student's choice of electives for the entire twenty-eight hours must be submitted to the Dean's Council for approval before the beginning of the senior year. Senior schedules must be approved by the department concerned and shall be subject to such requirements as to preparation and grades as the department may prescribe. This work must be taken in The George Washington University.

COMBINED ENGINEERING AND LAW CURRICULUM

The first year of the regular curriculum for the degree of Bachelor of Laws may be accepted as the fourth year of the curriculum leading to the degree of Bachelor of Science. This makes it possible for a student to obtain in six years the degrees of Bachelor of Science and Bachelor of Laws. This combined curriculum meets the needs of students who plan to enter the field of Patent Law.

THE PROFESSIONAL DEGREES

Professional degrees of Civil Engineer, Electrical Engineer, or Mechanical Engineer may be conferred upon graduates of the School of Engineering who have demonstrated their professional ability.

REQUIREMENTS FOR THE DEGREES

1. Application may not be made sooner than three years after graduation nor unless the candidate has had responsible charge of engineering work.
2. A detailed statement of the candidate's experience, references, the degree sought, and the title of the thesis must be filed with the Dean eight months before the Commencement at which the degree is to be conferred.
3. If his application is accepted, the candidate must prepare his thesis as required by the executive officer of the department concerned.
4. Two typewritten copies of the thesis must be presented to the Dean not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 73.

THE SCHOOL OF PHARMACY

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
William Paul Briggs, M.S., *Dean of the School of Pharmacy.*

STAFF OF INSTRUCTION

Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry.*
Edward Henry Sehr, Ph.D., *Professor of German.*
William Paul Briggs, M.S., *Professor of Pharmacy.*
Donnell Brooks Young, Ph.D., *Professor of Zoology.*
Louis Francis Bradley, Ph.D., *Adjunct Professor of Pharmacy.*
Merle Irving Protzman, A.M., *Associate Professor of Romance Languages.*
Benjamin Douglass Van Evera, M.S., *Associate Professor of Chemistry.*
Douglas Bement, A.M., LL.B., *Assistant Professor of English.*
Paul William Bowman, Ph.D., *Assistant Professor of Biology.*
Raymond John Seeger, Ph.D., *Assistant Professor of Physics.*
Lawson Edwin Yocum, Ph.D., *Assistant Professor of Botany.*
DeWitt Clinton Knowles, Jr., M.S., *Assistant Professor of Chemistry.*
John Harold Hanks, Ph.D., *Assistant Professor of Bacteriology.*
Chester Elwood Leese, Ph.D., *Assistant Professor of Physiology.*
John William Lee, B.S. in Phar., *Assistant Professor of Pharmaceutical Chemistry.*
Samuel Louis Hilton, Ph.D., *Lecturer on Incompatibilities.*
Augustus Carrier Taylor, *Lecturer in Pharmacy.*
Waldemar Bruce Philip, A.B., Ph.D., LL.M., *Lecturer on Pharmaceutical Economics and Jurisprudence.*
_____, *Instructor in Pharmacy.*

COMMITTEES*

ADVISORY COMMITTEE

Louis Francis Bradley, *Chairman*

Howard Bradbury
Malcolm Graham Gibbs
William P. Herbst
Samuel Louis Hilton
Paul Pearson
Augustus Carrier Taylor

* The President of the University and the Dean of the School of Pharmacy are ex-officio members of the committees.

THE DEAN'S COUNCIL*

John William Lee

Merle Irving Protzman

Benjamin Douglass Van Evera

COMMITTEE ON SCHOLARSHIP

Benjamin Douglass Van Evera, *Chairman*

John William Lee

Paul William Bowman

GENERAL INFORMATION

INTRODUCTORY

In 1867 the foundation for the National College of Pharmacy was laid by the Apothecaries' Association of the District of Columbia. The College was opened in 1872 and continued until 1906, when it became affiliated with The George Washington University.

The School of Pharmacy is a member of the American Association of Colleges of Pharmacy.

Washington offers many opportunities for the study of Pharmacy. Not only are the facilities of Government laboratories and libraries open to students, but the School of Pharmacy is located only a few blocks from the American Institute of Pharmacy building, in which have been established a pharmaceutical museum and library, and research laboratories which have brought to Washington the outstanding men of the profession.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

Candidates for admission to the School of Pharmacy must submit a Junior Certificate or its equivalent.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

* Elected by the Faculty.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

GENERAL REGULATIONS

Students in the School of Pharmacy are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

Normal work for any year is that outlined under the head of "Curriculum Requirements", below. A student who wishes to take more than the normal amount of work may do so only with the permission of the Committee on Scholarship, who shall be guided in their decision by his scholastic record and the extent to which he is employed. A student on probation shall be limited in the amount of work he may carry.

ATTENDANCE

Candidates for the degree must have attended at least 80 per cent of all required instruction and must be present at the time specified for the final examinations.

EXAMINATIONS

Examinations are held at the end of the course in each subject. Students who fail to appear at a regular examination will not be examined until the next regular examination except by special permission of the Scholarship Committee of the Faculty. For special examinations a fee of \$5 will be charged for each subject.

ELIGIBILITY FOR EXAMINATION BEFORE STATE BOARDS OF PHARMACY

To be eligible for examination before most State Boards of Pharmacy, applicants are required to present satisfactory evidence of college graduation and in addition must have had from one to four years of practical experience in a pharmacy where prescriptions are compounded. Students are not encouraged to obtain this professional experience while attempting a full course of study. In the case of students who maintain a quality-point index of 2.00 or higher, permission may be granted by the Dean to acquire a limited amount of this professional experience by work in a pharmacy while carrying a full schedule. Students who fall below a quality-point index of 2.00 will be required to reduce their academic load or to limit their professional-experience time to less than twenty-four hours a week.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

THE DEGREE

Upon the satisfactory completion of the requirements of the School of Pharmacy, the degree of Bachelor of Science in Pharmacy is conferred.

REQUIREMENTS FOR THE DEGREE

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

Every candidate for the degree of Bachelor of Science in Pharmacy must be at least twenty-one years of age and of good character.

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00.

Probation.—Students must maintain a quality-point index of at least 2.00 or they are placed on probation. Students remain on probation as long as they fail to attain this index.

Suspension.—Students having a quality-point index below 1.00 are placed on probation for a third semester, whether successive or after an interval, are suspended.

Students suspended for poor scholarship may apply for readmission after an interval of a calendar year. A student applying for readmission under this rule must submit evidence to the Dean of the School of Pharmacy that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. Students suspended twice for poor scholarship are not readmitted. (See the University ruling covering dismissal, page 74.)

For the purpose of these rules, the Summer Sessions are considered a semester.

In the case of students with limited schedules, the foregoing scholarship rules are applied only when the student has undertaken fifteen semester-hours or more.

CURRICULUM REQUIREMENTS

The laboratory method of teaching is used. Recitation classes are held in connection with each course in order to provide systematic drill in the subjects. Students in Pharmacy have the advantage of obtaining instruction in any department of the University.

The curriculum requirements include at least 124 semester-hours of credit. The following curriculum leads to the degree of Bachelor of Science in Pharmacy.

The School of Pharmacy

149

Freshman and Sophomore Years

Courses	Did. hrs.	Lab. hrs.	Sem. hrs.	Clock hrs.
Courses in the Junior College (see page 89 and table facing pages 90-91).....	672	832	64	1504

Junior Year: First Semester

Pharmacy 101.....	32	96	4	128
Chemistry 121.....	16	144	4	160
Bacteriology 111.....	32	64	3	96
Pharmacy 105.....	32	.....	2	32
Pharmacy 107.....	32	.....	2	32
Total.....	144	304	15	448

Junior Year: Second Semester

Pharmacy 102.....	32	96	4	128
Pharmacy 106.....	32	.....	2	32
Pharmacy 110.....	32	48	3	80
Physics 12 or 13.....	32	32	3	64
Physiology 116.....	32	64	3	96
Total.....	160	240	15	400

Senior Year: First Semester

Pharmacy 163.....	32	48	3	80
Pharmacy 165.....	48	.....	3	48
Elective.....	64	192	8	256
Total.....	144	240	14	384

Senior Year: Second Semester

Pharmacy 166.....	32	48	3	80
Pharmacy 174.....	32	96	4	128
Pharmacy 178.....	48	.....	3	48
Elective.....	48	144	6	192
Total.....	160	288	16	448
Grand total.....	1280	1904	124	3184

Recommended courses from which electives in the foregoing curriculum may be selected are as follows: Biochemistry 141-42 (4-4), Chemistry 111-12 (4-4), Chemistry 122 (4), Chemistry 131-32 (2-2), Chemistry 135-36 (2-2), Chemistry 145-46 (2-2), Economics 1-2 (3-3), Pharmacy 151-52 (2-2), Pharmacy 171-72 (2-2), Pharmacy 179-80 (3-3), Pharmacy 184 (2), Pharmacy 190 (2), Physics 14 (2), Psychology 1-2 (3-3). Figures in parentheses indicate the number of semester-hours of credit.

Elective courses other than those here recommended may be taken with the approval of the Dean.

THE SCHOOL OF EDUCATION

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
William Carl Ruediger, Ph.D., *Dean of the School of Education.*

STAFF OF INSTRUCTION

William Carl Ruediger, Ph.D., *Professor of Education.*
Thomas Benjamin Brown, Ph.D., *Professor of Physics.*
Henry Grattan Doyle, A.M., *Professor of Romance Languages.*
Robert Fiske Griggs, Ph.D., *Professor of Botany.*
Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry.*
Edward Henry Sehr, Ph.D., *Professor of German.*
William Cullen French, Ph.D., *Professor of Education.*
James Ebenezer Pixlee, B.S., *Professor of Physical Education for Men.*
Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking.*
Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women.*
Frank Mark Weida, Ph.D., *Professor of Statistics.*
Warren Reed West, Ph.D., *Professor of Political Science.*
Frank Washington Ballou, Ph.D., *Adjunct Professor of Education.*
Harold Griffith Sutton, M.S., *Associate Professor of Finance.*
J. Orin Powers, Ph.D., *Research Associate Professor of Education.*
Alva Curtis Wilgus, Ph.D., *Associate Professor of Hispanic-American History.*
Frances Kirkpatrick, A.M., *Associate Professor of Home Economics.*
Mitchell Dreese, Ph.D., *Associate Professor of Educational Psychology.*
William J. Reinhart, B.S., *Associate Professor of Physical Education for Men.*
Audley Lawrence Smith, A.M., *Assistant Professor of English.*
Paul William Bowman, Ph.D., *Assistant Professor of Biology.*
Lawson Edwin Yocum, Ph.D., *Assistant Professor of Botany.*
Christopher Browne Garnett, Jr., Ph.D., *Assistant Professor of Philosophy.*
Kathryn Mildred Towne, A.M., *Assistant Professor of Home Economics.*
Helen Bennett Lawrence, B.S., *Assistant Professor of Physical Education for Women.*
William Henry Myers, A.B., *Assistant Professor of Physical Education for Men.*

Robert Ladd Thorndike, Ph.D., *Assistant Professor of Psychology.*
 Ruth Aubeck Foster, B.S., *Instructor in Physical Education for Women.*
 Jean Elyle Sexton, A.B., *Instructor in Physical Education for Men.*
 Helen Margaret Lea, A.M., *Instructor in Physical Education for Women.*
 Alma Charlotte Swenson, A.M., *Associate in Home Economics.*

COMMITTEES*

THE DEAN'S COUNCIL†

1936

William Cullen French

Willard Hayes Yeager

1937

Frances Kirkpatrick

Warren Reed West

1938

Ruth Harriet Atwell

Edward Henry Sehr

COMMITTEE ON ADMISSION AND ADVANCED STANDING

William Carl Ruediger, *Chairman*

Harold Griffith Sutton

Willard Hayes Yeager

COMMITTEE ON SCHOLARSHIP

William Cullen French, *Chairman*

Frances Kirkpatrick

Frank Mark Weida

COMMITTEE ON DISCIPLINARY RELATIONS

Mitchell Dreese, *Chairman*

James Ebenezer Pixlee

Kathryn Mildred Towne

GENERAL INFORMATION

INTRODUCTORY

It is the purpose of the School of Education to prepare teachers, supervisors, and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their training. The School embraces the Departments of Education, Physical Education, and Home Economics, and it is affiliated with all the other departments of the University in which the student is likely to elect work. Both graduate and undergraduate work are offered.

* The President of the University and the Dean of the School of Education are ex-officio members of all committees.
 † Elected by the Faculty.

The schedule of courses is arranged to meet the convenience of both full-time and part-time students. By attending afternoon, Saturday, and summer classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

FOR THE BACHELOR'S DEGREES

Admission to the undergraduate division of the School is based on (a) the satisfactory completion of two years of approved college work, or (b) graduation from an approved two-year normal school. Students meeting these requirements are admitted as regular students. Others may be admitted to the Division of University Students on the presentation of evidence that they are qualified to pursue the work to advantage.

Students transferring from other colleges or from normal schools should request their high schools and their colleges or normal schools to transmit their credentials of work to the Director of Admissions at least one month before the beginning of the session that they wish to enter. All credentials must be in hand before the student may register. Credentials are official and acceptable only when transmitted directly from school to school, without passing through the hands of the student.

FOR THE HIGHER DEGREES

To be admitted to graduate standing a candidate must hold a baccalaureate degree from an accredited school or college or must have completed a course of study that is judged by the Faculty to be the equivalent. Candidates holding degrees from unaccredited institutions, whose work is judged by the Faculty to be more than twelve semester-hours short of a standard baccalaureate degree, must register for a Bachelor's degree; others may remove their deficiencies while registered for the higher degree.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

INDEPENDENT STUDY PLAN

A student of demonstrated capacity with special interest in a course may, upon the approval of his project by the instructor in charge and by the Dean, be permitted to undertake independent study under the personal direction of the instructor.

GENERAL REGULATIONS

Students in the School of Education are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

A normal program of work for undergraduate students is sixteen or seventeen hours a week. Students with a quality-point index of 3.00 or higher may, with the Dean's permission, take nineteen hours. More than nineteen hours may not be taken except by special permission of the Scholarship Committee.

For employed students nine hours a week constitutes a normal program of work. Students with a quality-point index of 3.00 or higher for the preceding semester may be permitted by the Dean to take twelve or thirteen hours.

For graduate students twelve hours a week, exclusive of the thesis, constitutes a normal program of work. Employed students may not take more than nine hours a week.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 107.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Education, the degree of Bachelor of Arts in Education, Bachelor of Science in Home Economics, or Bachelor of Science in Physical Education is conferred.

REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00.

Probation.—Students must maintain a quality-point index of at least 2.00 or they are placed on probation. Students remain on probation as long as they fail to attain this index.

Suspension.—Students who fail to pass (i.e., receive a grade of *E* or *F*) in half or more of their work, based on a minimum of sixteen semester-hours, are suspended.

A student who has been suspended for poor scholarship may within ten days appeal his case to the Scholarship Committee through the Dean. If the case appears to be remediable and the student appears likely to improve in his scholarship thereafter, the committee may readmit him on probation. A student who has been denied readmission on probation may petition the Scholarship Committee through the Dean for readmission after the lapse of one semester. A student who has been suspended twice will not be readmitted. (See the University ruling covering dismissal, page 74.)

CURRICULUM REQUIREMENTS

In any of the following curricula at least thirty semester-hours of work must consist of courses numbered above 100.

BACHELOR OF ARTS IN EDUCATION

Students admitted with two years of approved college work are granted the degree of Bachelor of Arts in Education upon the completion of sixty-six semester-hours of work. This work must include:

	Sem hrs.
Educational Psychology.....	3
History and Principles of Education.....	3
Technique of Teaching.....	2
Elementary or Secondary Education.....	2
Special Methods.....	2
Observation and Practice Teaching.....	6
Electives in Education.....	9
Subject-matter group.....	24
Electives.....	15
Total.....	66

To the extent that courses in the foregoing list are offered for admission, the range of electives is increased, leaving room for the mastery of a minor teaching subject.

Normal-School Graduates.—Graduates from approved two-year or three-year normal schools are granted such advanced standing as their

credentials warrant. Their unfinished requirements are determined by the Dean.

Subject-Matter Group.—Under the guidance of a member of the Faculty designated by the Dean, each student before graduation shall have completed a minimum of twenty-four semester-hours of work in one of the following groups: Art; Biological Sciences; Classical Languages; English; Germanic Languages; Geology; Mathematics; Philosophy and Psychology; Physical Sciences; Romance Languages; Social Sciences. Relevant work completed in normal school or junior college may be counted in this group. Students preparing for elementary-school teaching, junior-high-school teaching, or for supervision may, with the approval of their adviser, combine courses from two or more groups, in which case a minimum of thirty semester-hours is required. Beginning with the Class of 1939, a comprehensive examination will be required in the subject-matter group.

BACHELOR OF SCIENCE IN HOME ECONOMICS

At the beginning of the junior year each student majoring in Home Economics must select one of the following groups. The minimum requirements for the major are twenty-four semester-hours in addition to Home Economics I and 21. All electives must be chosen with the advice of the Executive Officer.

I. General Home Economics

Junior Year	Sem hrs.	Senior Year	Sem- hrs.
Home Economics 101.....	3	Home Economics 151.....	3
Home Economics 102.....	3	Home Economics 152.....	3
Home Economics 121.....	3	Home Economics 171.....	3
Home Economics 140.....	3	Home Economics 192.....	3
Economics.....	6	Psychology 125.....	3
Electives.....	12	Sociology.....	12
		Electives.....	9
Total.....	30	Total.....	30

II. Food and Nutrition

Junior Year	Senior Year
Home Economics 101.....	Home Economics 151.....
Home Economics 102.....	Home Economics 152.....
Chemistry 41.....	Home Economics 180.....
Biochemistry 54.....	Home Economics 192.....
Physiology 116.....	Psychology 125.....
Economics.....	Education 115.....
Bacteriology 111.....	Sociology.....
Electives.....	Electives.....
Total.....	Total.....

III. Home-Economics Education

Junior Year		Senior Year	
Education 115.....	3	Psychology 125.....	3
Home Economics 101.....	3	Education 129.....	3
Home Economics 102.....	3	Education 130.....	3
Home Economics 121.....	3	Education 151 or 152.....	2
Home Economics 125.....	3	Home Economics 151.....	3
Home Economics 140.....	3	Home Economics 152.....	3
Chemistry 41.....	4	Home Economics 171.....	3
Biochemistry 54.....	4	Home Economics 192.....	3
Electives.....	7	Electives.....	10
Total.....	33	Total.....	33

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION FOR MEN

Dual-Major Teacher's Course

Junior Year		Senior Year	
Education 115 and 116.....	6	Education 130.....	3
Education 129.....	3	Education 151 or 152.....	2
Elective Education.....	3	Elective Education.....	3
Physical Education 106.....	3	Physical Education 131 and 132... 5	
Elective Physical Education.....	8	Elective Physical Education.....	10
Electives.....	10	Electives.....	10
Total.....	33	Total.....	33

The minimum requirements for the degree are twenty-four semester-hours in Physical Education, eighteen semester-hours in Education, eighteen semester-hours in a subject-matter group, and six semester-hours of electives.

Single-Major Teacher's Course

Junior Year		Senior Year	
Education 115 and 116.....	Sem. hrs. 6	Education 130.....	Sem. hrs. 3
Education 129.....	3	Education 151 or 152.....	2
Elective Education.....	3	Elective Education.....	3
Physical Education 103.....	3	Physical Education 128.....	3
Physical Education 106.....	3	Physical Education 131.....	3
Physical Education 108.....	3	Physical Education 132.....	2
Elective Physical Education.....	4	Elective Physical Education.....	6
Electives.....	9	Electives.....	11
Total.....	33	Total.....	33

The minimum requirements for the degree are thirty semester-hours in Physical Education, eighteen semester-hours in Education, and eighteen semester-hours of electives.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION FOR WOMEN

Junior Year		Senior Year	
	Sem. hrs.		Sem. hrs.
Education 115 and 116.....	6	Education 129 and 130.....	6
Physical Education 101-2.....	6	Secondary Education.....	3
Physical Education 105.....	3	Physical Education 111.....	3
Physical Education 107.....	1	Physical Education 112.....	4
Physical Education 109-10.....	6	Physical Education 113-14.....	2
Physical Education 118.....	1	Physical Education 116.....	2
Physiology 116.....	3	Physical Education 117.....	11
Subject-matter group or elective..	7	Subject-matter group or elective..	11
Total.....	33	Total.....	33

Students desiring to prepare themselves to teach another subject in addition to Physical Education may do so by choosing their elective hours from one subject-matter group with the advice of the Executive Officer. Relevant work completed in the Junior College may be counted in this subject-matter group.

THE HIGHER DEGREES

Upon the satisfactory completion of the graduate requirements of the School of Education, the degree of Master of Arts, Master of Arts in Home Economics, or Doctor of Education is conferred.

GENERAL INFORMATION

GUIDANCE

The work for a higher degree is conducted under the guidance of a consultative committee appointed by the Dean. It is the duty of this committee to outline and approve the student's schedule of work, to advise and direct the student in the preparation of his thesis, and to arrange his general examinations. The chairman of the committee is the student's adviser.

COURSES ACCEPTABLE

Fully qualified graduate courses are numbered 201 and above. Courses numbered 101-200 may be credited toward a higher degree when approved by the student's committee and after the completion of additional work in them has been certified by the instructors in charge. Courses numbered 1-100 may not be credited toward a higher degree but may in certain instances be required as a basis for advanced work.

TRANSFERRED WORK

Graduate work completed in other accredited institutions of learning may be credited toward the Master's degree to the extent of six semester-hours.

Advanced courses completed in excess of the requirements for the baccalaureate degree in The George Washington University may be credited toward the Master's degree to the extent of twelve semester-hours, provided the work fits in with the student's plan of specialization and is approved in writing by the Dean before it is undertaken.

Transferred work completed more than three years prior to registration for the Master's degree at The George Washington University will be credited only after the candidate has passed an examination given by his committee on the subject matter of the work offered for credit.

REQUIREMENTS FOR THE MASTER OF ARTS DEGREE

RESIDENCE

A candidate must pass in resident study at this University at least two semesters, or one semester and one nine-week summer term, or three nine-week summer terms, or four six-week summer terms.

CLASS WORK

A student whose previous preparation in his chosen field has been adequate may complete his class requirements, exclusive of the thesis, by a minimum of twenty-four semester-hours of work; others may be required to take as many as twelve semester-hours additional. The work may fall in one or two departments. At least six semester-hours of work must be chosen from courses numbered above 200.

THE THESIS

Every candidate must present a thesis in his major subject. The thesis counts as a six-semester-hour course toward the degree and must be duly registered for (Education 291-92). The thesis subject must be approved in writing by the student's adviser and recorded in the Office of the Registrar by the date announced in the University calendar. One typewritten and two carbon copies of the thesis in its final form must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 73.

FINAL EXAMINATION

In addition to the course examinations, the candidate must pass an examination on his thesis and major field of work before a committee of

at least five members appointed by the Dean. This examination may be either oral or written, or both. The conclusion of this examination, signed by the members of the examining committee, is transmitted to the Dean by the chairman of the student's committee for official record.

If the thesis is submitted more than three years after the course requirements have been completed, a written examination covering the student's field of work will also be required.

REQUIREMENTS FOR THE DOCTOR OF EDUCATION DEGREE

The requirements for the degree of Doctor of Education cannot be stated in semester-hours, but they consist in general of at least three full years of work beyond a standard Bachelor's degree. It is the function of these requirements to prepare students for advanced teaching, administrative, and supervisory positions, and to train them to investigate and report the problems that arise in the varied phases of Education. The work is given a practical instead of a theoretical bent and emphasizes the mastery and application of subject matter, both in the study requirements and in the thesis. Special emphasis is placed on the candidate's success as a teacher, supervisor, administrator, or writer.

Three basic purposes in planning the work for this degree are recognized. These are (a) administration and supervision, (b) the teaching of Education in normal school or college, and (c) the teaching of an academic subject in school or college.

QUALIFICATIONS OF THE APPLICANT

The candidate for the degree of Doctor of Education must (1) have completed graduate work in fields prerequisite to his objective equivalent to that required for the degree of Master of Arts in The George Washington University and (2) have had at least three years of successful educational experience.

ADMISSION TO CANDIDACY

To be admitted to candidacy for the degree the applicant must be accepted by the Faculty of the School of Education on the basis of an examination conducted by a committee appointed by the Dean. This examination will usually include the following aspects: (1) a written examination in one or more subjects selected from the applicant's previous background; (2) a scholastic-aptitude test; (3) an oral examination

CONSULTATIVE COMMITTEE

If the applicant is accepted as a candidate, his consultative committee shall counsel with the candidate and guide his work.

The consultative committee, in cooperation with the candidate, shall (1) determine the candidate's fields of study, in each of which the candidate

must pass a written examination at least eight months before he comes up for the degree; (2) furnish the candidate a list of course requirements and of readings that will assist him in preparing for these examinations; and (3) designate the tools of investigation that will be needed by the candidate in the prosecution of his study. These tools may include one or more foreign languages, statistical methods, historical criticism, and any others considered essential by the committee. An examination in the tools designated must be passed by the candidate before he takes his comprehensive examination.

THESIS ADVISER

After the candidate has satisfied the requirements enumerated in the preceding section, his committee is dissolved and he is assigned to a member of the Faculty in whose field the topic of his thesis falls. It is the duty of this person to serve as the candidate's adviser on his thesis and in his field of specialization and to recommend him to the Dean for the final oral examination when, in his judgment, the candidate's thesis is acceptable.

THE DOCTORAL THESIS

Not later than the date specified in the University calendar the candidate shall submit to the Dean of the School of Education three copies of his thesis—one typewritten original, on official thesis paper, and two carbon copies—and also a typewritten summary of the thesis consisting of not more than 2,500 words. Requirements regarding the form of the thesis are stated on page 73.

The successful candidate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.

THE FINAL EXAMINATION

At least three weeks before the degree is to be conferred the candidate must pass an oral examination on his thesis and on his field of specialization before a committee of the Faculty appointed by the Dean, supplemented by two experts from outside the University appointed by the President. This examination is open to the public, and all are privileged to question the candidate. The Dean, or a member of the Faculty designated by him, will preside at this examination.

THE SCHOOL OF GOVERNMENT

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*

_____, *Dean of the School of Government.*

Warren Reed West, Ph.D., *Assistant Dean of the School of Government.*

STAFF OF INSTRUCTION

DeWitt Clinton Croissant, Ph.D., *Professor of English.*

Charles Edward Hill, Ph.D., *Professor of Political Science.*

Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law.*

John Donaldson, Ph.D., *Professor of Political Economy.*

George Morton Churchill, Ph.D., *Professor of History.*

Edward Henry Sehart, Ph.D., *Professor of German.*

Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration.*

Willard Hayes Yeager, A.M., *Deputy Professor of Public Speaking.*

Elmer Louis Kayser, Ph.D., *Professor of History.*

Warren Reed West, Ph.D., *Professor of Political Science.*

Cecil Knight Jones, B.Litt., *Adjunct Professor of Spanish-American Literature.*

George Howland Cox, *Adjunct Professor of Current Hispanic-American Affairs.*

Wilson Martindale Compton, LL.B., Ph.D., LL.D., *Professorial Lecturer in Economics.*

Harold Griffith Sutton, M.S., *Associate Professor of Finance.*

Merle Irving Protzman, A.M., *Associate Professor of Romance Languages.*

Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Associate Professor of Law.*

John Albert Tillema, Ph.D., LL.M., S.J.D., *Associate Professor of Political Science.*

Alva Curtis Wilgus, Ph.D., *Associate Professor of Hispanic-American History.*

Lowell Joseph Ragatz, Ph.D., *Associate Professor of History.*

William Crane Johnstone, Jr., Ph.D., *Associate Professor of Political Science.*

Thelma Hunt, Ph.D., *Assistant Professor of Psychology.*

Ralph Dale Kennedy, Ph.D., *Assistant Professor of Accounting and Business Administration.*

*John Albert McIntire, A.B., LL.B., *Assistant Professor of Law.*

Wood Gray, Ph.D., *Assistant Professor of History.*

Carl Douglas Wells, Ph.D., *Assistant Professor of Sociology.*

Arthur Edward Burns, A.M., *Assistant Professor of Economics.*

Robert Ladd Thorndike, Ph.D., *Assistant Professor of Psychology.*

James Oliver Murdock, Ph.B., LL.B., *Lecturer in Law.*

Donald Stevenson Watson, A.M., *Instructor in Economics.*

THE DEAN'S COUNCIL†

George Morton Churchill

Richard Norman Owens

GENERAL INFORMATION

INTRODUCTORY

The George Washington University School of Jurisprudence and Diplomacy existed from 1898 to 1913, when it was discontinued as a separate school. The courses were given, however, in Columbian College until September 1928, when training in foreign service and governmental theory and administration was reestablished as a separate branch under the School of Government.

It is the purpose of the School to give the students an understanding of the responsibilities under the Constitution of the United States in the conduct of public office—domestic and foreign. This can be accomplished, not through any single course, but through a curriculum which ties together social, economic, political, historical, and psychological studies.

The courses in domestic government train in the theory of, and practice in, local, State, and national positions. The courses in Foreign Service train students for the many opportunities offered in the foreign fields to carry out the ideals for which America stands, not only in governmental work but in the much wider field of foreign trade as conducted by private enterprise in all parts of the world. This training fits the student especially to assist American citizens who have occasion to travel or to do business abroad, to understand their reciprocal rights and duties, and to protect them in these rights without infringing upon the rights of others, as well as to collect and report information concerning commercial conditions and opportunities abroad. The student thus gains an insight into international affairs from both the American and the foreign point of view, with a resultant broader understanding of economic and political problems.

*On leave 1935-36.

† Elected by the Faculty. The President of the University and the Dean of the School of Government are ex-officio members.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

Special students and auditors are referred to the Division of University Students.

FOR THE BACHELOR'S DEGREE

Applicants for admission to the School of Government must present a certificate of Junior Standing based on the proper curriculum in Government in the Junior College, or its equivalent.

FOR THE MASTER'S DEGREE

Applicants for admission to the School of Government having the intention of becoming candidates for the degree of Master of Arts must present a baccalaureate degree from an accredited institution, or evidence of a course of study that is judged by the Faculty to be the equivalent, and a transcript of the studies previously pursued. Students from un-accredited institutions may be admitted at the discretion of the Dean, but such students are required to take such extra work above the minimum requirements as may be prescribed.

The course of study pursued for the Bachelor's degree must be approved by the Dean as having provided the proper basic training to justify registration for the higher degree. The Dean may permit deficiencies to be made up concurrently with work for the degree.

Registration for the degree does not constitute formal candidacy. The further requirements for formal candidacy are stated on page 173.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity with special interest in the subject matter of a course, may be permitted

to undertake independent study under the personal direction of an instructor in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course credits as designated in the list of courses of instruction in this book.

GENERAL REGULATIONS

Students in the School of Government are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

Full-time students not on probation ordinarily may take not more than seventeen semester-hours. Students employed more than twenty-four hours a week, who are not on probation, may take not more than ten semester-hours.

Full-time undergraduate students whose quality-point index is 3.50 or higher, may take not more than nineteen semester-hours. Undergraduate students employed more than twenty-four hours a week, whose quality-point index is 3.50 or higher, may take up to twelve semester-hours.

Exceptions to these rules will require the approval of the Dean.

ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for him to make up the work missed.

CLASSIFICATION OF STUDENTS

A student who holds a Certificate of Junior Standing from the Junior College, or its equivalent from an accredited institution, and who has registered his choice of one of the prescribed curricula at the Office of the Registrar, is classed as a *junior*.

A student who has completed thirty semester-hours in the School of Government is classed as a *senior*.

A student who has satisfactorily completed the work for the baccalaureate degree, and who has registered his choice of one of the prescribed fields of study at the Office of the Registrar, is classed as a *master* in course.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

INFORMATION ON CERTAIN BRANCHES OF GOVERNMENTAL
FOREIGN SERVICE

DEPARTMENT OF STATE

A bulletin entitled *The American Foreign Service* reads in part as follows:

Scope of examination.—The examinations shall be both written and oral, except that American clerks and employees in the Foreign Service who have rendered satisfactory service in such capacities for the five years immediately preceding application for appointment as Foreign Service officers shall be exempted from the written examinations prescribed for other candidates. The written examination will include the subjects prescribed by the President, to wit: Elements of international, maritime, and commercial law; arithmetic as used in commercial statistics, tariff calculations, exchange, and simple accounting; modern languages (French, Spanish, or German is required, and a candidate may offer, in the oral test, in addition to one of these any languages with which he may be familiar); elementary economics, including the natural, industrial, and commercial resources of the United States; political and commercial geography; American history, government, and institutions since 1776; and history of Europe, Latin America, and the Far East since 1776. Candidates will also be examined in political economy, and they will be rated in English, composition, grammar, punctuation, spelling, and penmanship as shown by their replies to questions in the written examination.

The oral examination will be designed to ascertain the physical, mental, and temperamental qualifications of candidates for the proper performance of the duties of the Foreign Service; their character, ability, address, judgment, fitness, general education, culture, contemporary information, experience, and business ability. In this part of the examination the applications previously filed, together with all other available information concerning the candidates, will be utilized in ascertaining the pertinent facts.

DEPARTMENT OF COMMERCE

A bulletin entitled *Appointments to Positions at Home and Abroad in the Bureau of Foreign and Domestic Commerce*, with reference to "Qualification Standards for Field Service", reads in part as follows:

The following qualifications are stated very broadly; several of them pertain particularly to applicants for foreign service. If the fact be kept in mind that there are two classes of field service—foreign and domestic—the reader will have little difficulty in determining to which of these classes any particular statement applies.

Aside from a good address and appearance, some of the principal requirements may be enumerated as follows (other qualifications being equal, the applicant with experience in practical exporting is given preference):

- (a) A thorough knowledge of the principles of economics, banking, commercial geography, and foreign trade.
- (b) A thorough knowledge of international trade movements and practice.
- (c) A general knowledge of export trade technique.
- (d) A thorough reading and speaking knowledge of at least one foreign language of commercial importance.
- (e) Residence or travel abroad is highly desirable.
- (f) Experience in some business undertaking which gives a broad view of trade development and intimate knowledge of business practices.
- (g) Ability to address public gatherings.
- (h) Ability to write good, businesslike reports.
- (i) A knowledge of the resources of the United States and familiarity with industrial development of the country in relation to both domestic and export trade.

THE BACHELOR OF ARTS DEGREE

Upon the satisfactory completion of the undergraduate requirements of the School of Government, the degree of Bachelor of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting.

REQUIREMENTS FOR THE DEGREE

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00.

Probation.—Students must maintain a quality-point index of at least 2.00 or they are placed on probation. Students remain on probation as long as their quality-point index on all work taken is below 2.00.

Suspension.—Students having a quality-point index below 1.00 or who are placed on probation for a third semester, whether successive or after an interval, are suspended.

Students suspended for poor scholarship may apply for readmission after an interval of two semesters. A student applying for readmission under this rule must submit evidence to the Dean that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. Students suspended twice for poor scholarship are not readmitted. (See the University ruling covering dismissal, page 74.)

For the purpose of these rules, the Summer Sessions are considered a semester.

In the case of students with limited schedules, the foregoing scholarship rules are applied only when the student has undertaken fifteen semester-hours or more.

CURRICULUM REQUIREMENTS

For recommendation for graduation the School of Government requires, in addition to the appropriate Junior College work (see page 89 and table facing pages 90-91), a minimum of sixty semester-hours during the two senior-college years, as set forth in one of the following curricula. The third and fourth years of these seven curricula lead to the degree of Bachelor of Arts in Government with a designation of the major

field of study; the graduate years as here outlined lead to the Master of Arts degree (see pages 172-74) in the respective fields. Electives as well as other subjects must be approved by the Dean.

PUBLIC AFFAIRS

Third Year	Sem. hrs.	Fourth Year	Sem. hrs.
History 145.....	3	Economics 105.....	3
History 146.....	3	Economics 167-68.....	4
Political Science 111-12.....	6	History 151-52.....	2
Political Science 121-22.....	6	Political Science 117.....	3
Sociology 27 and 28.....	6	Political Science 124.....	3
Electives.....	6	Political Science 171.....	3
		Political Science 172.....	3
		Political Science 186.....	3
Total.....	30	Psychology I and 152.....	6
		Total.....	30

Graduate Year

	Sem. hrs.
Political Science 116.....	3
Political Science 151-52.....	6
Political Science 181-82.....	6
Political Science 209-10.....	6
Thesis.....	6
Electives.....	3
Total.....	30

FOREIGN SERVICE

Third Year	Sem. hrs.	Fourth Year	Sem. hrs.
Economics 109-10.....	6	Economics 119.....	3
History 105-6.....	6	Economics 120.....	3
History 145.....	3	Economics 181-82.....	6
History 146.....	3	Political Science 171.....	3
Political Science 111-12.....	6	Political Science 172.....	3
Political Science 127-28.....	6	Political Science 175.....	3
		Political Science 181-82.....	6
Total.....	30	Statistics I.....	3
		Total.....	30

Graduate Year

	Sem. hrs.
History 143.....	3
Six hours from Economics 183-84 (six hours), Economics 185-86 (six hours), History 144 (three hours), History 175 (three hours), History 176 (three hours), Political Science 191 (three hours), Political Science 192 (three hours).....	6
Political Science 281-82.....	6
Thesis.....	6
Electives.....	9
Total.....	30

FOREIGN COMMERCE

Third Year	Sem. hrs.	Fourth Year	Sem. hrs.
Business Administration 131.....	3	Business Administration 147.....	3
Business Administration 132.....	3	Business Administration 150.....	3
Economics 109-10.....	6	Business Administration 153-54.....	6
Economics 119.....	3	Economics 126.....	6
Economics 120.....	3	Economics 181-82.....	3
History 145.....	3	Statistics 1.....	3
History 146.....	3	Electives.....	7
Political Science 127-28.....	6		
Total.....	30	Total.....	30

Graduate Year

	Sem. hrs.
Economics 105.....	3
Economics 281-82.....	6
Political Science 181-82.....	6
Thesis.....	9
Electives.....	
Total.....	30

PUBLIC ADMINISTRATION

Third Year	Sem. hrs.	Fourth Year	Sem. hrs.
Business Administration 124.....	3	Business Administration 127.....	3
Economics 123.....	3	Business Administration 128.....	3
Political Science 111-12.....	6	Business Administration 131.....	3
Political Science 121-22.....	6	Business Administration 132.....	3
Political Science 151-52.....	6	Business Administration 151.....	3
Psychology 1 and 152.....	6	Economics 119.....	3
Total.....	30	Political Science 124.....	9
		Electives.....	
		Total.....	30

Graduate Year

	Sem. hrs.
Political Science 209-10.....	6
Psychology 143-44.....	0
Sociology 115 and 116.....	0
Thesis.....	0
Electives.....	
Total.....	30

The School of Government

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BUSINESS ADMINISTRATION

Third Year	Sem. hrs.	Fourth Year	Sem. hrs.
Business Administration 124.....	3	Business Administration 145.....	3
Business Administration 131.....	3	Business Administration 147.....	3
Business Administration 132.....	3	Business Administration 153-54.....	6
Business Administration 135.....	3	Business Administration 156.....	3
Economics 109-10.....	6	Political Science 127-28.....	6
Economics 119.....	3	Electives.....	9
Economics 120.....	3		
History 145.....	3	Total.....	30
History 146.....	3		
Total.....	30		

Graduate Year

	Sem. hrs.
Business Administration 136.....	3
Business Administration 139.....	3
Business Administration 231-32.....	6
Economics 165-66.....	6
Economics 208.....	3
Thesis.....	6
Electives.....	3
Total.....	30

PUBLIC FINANCE

Third Year	Sem. hrs.	Fourth Year	Sem. hrs.
Business Administration 124.....	3	Business Administration 127.....	3
Economics 119.....	3	Business Administration 128.....	3
Economics 120.....	3	Business Administration 135.....	3
Economics 123.....	3	Business Administration 136.....	3
History 145.....	3	Business Administration 151.....	3
History 146.....	3	Economics 105.....	3
Political Science 121-22.....	6	Political Science 151-52.....	6
Political Science 127-28.....	6	Statistics 1.....	3
Total.....	30	Statistics 2.....	3
		Total.....	30

Graduate Year

	Sem. hrs.
Business Administration 137-38.....	6
Business Administration 140.....	3
Business Administration 156.....	3
Economics 211-12.....	4
Thesis.....	6
Electives.....	8
Total.....	30

PUBLIC ACCOUNTING

Third Year		Sem. hrs.	Fourth Year		Sem. hrs.
Business Administration 124	.....	3	Business Administration 130	.....	3
Business Administration 129	.....	3	Business Administration 131	.....	3
Business Administration 137-38	.....	6	Business Administration 132	.....	3
Business Administration 139	.....	3	Business Administration 144	.....	3
Business Administration 140	.....	3	Political Science 115	.....	6
Economics 119	.....	3	Political Science 151-52	.....	3
Economics 120	.....	3	Statistics I	.....	6
Political Science 127-28	.....	6	Electives	.....	6
Total	.....	30	Total	.....	30
Graduate Year					Sem. hrs.
Business Administration 135	.....				3
Business Administration 136	.....				3
Business Administration 145 or 151	.....				3
Business Administration 211-12	.....				6
Economics 123	.....				3
Thesis	.....				6
Electives	.....				6
Total	.....				30

EXAMINATIONS FOR WAIVING CURRICULUM REQUIREMENTS

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirement in that subject and qualify for registration in an advanced course. Passing of this examination shall not entitle the student to any hours of credit toward the degree. Students desiring to take such examinations should make the request of the Dean.

A fee of \$5 for each examination is to be paid at the Comptroller's Office and the receipt exhibited at the door of room 27, Building Y, on September 27 or 28 at 2 p.m. for the first semester, and on February 7 or 8 at 2 p.m. for the second semester. Two hours will be allowed for the examination. Should a student wish to take more than one examination, arrangements will be made accordingly.

THE MASTER OF ARTS DEGREE

Upon the satisfactory completion of the graduate requirements of the School of Government, the degree of Master of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Public Affairs, Foreign Service, Foreign Commerce, Public Administration, Business Administration, Public Finance, and Public Accounting.

CANDIDACY

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the Dean. Applications are made on a form obtainable at the Office of the Registrar, and such applications must be approved before the student becomes a formal candidate.

Before being admitted to candidacy the student must show a reading knowledge (certified by the appropriate language department) of at least one modern foreign language to be selected by the Dean. Examinations in modern foreign languages will be given between September 24 and 30, February 10 and 16, and July 10 and 16.

REQUIREMENTS FOR THE DEGREE

A minimum of thirty semester-hours of work, as outlined on pages 169-72, must be completed successfully. Variations from these curricula require the permission of the Dean.

Not more than twelve semester-hours of work may be taken in another professional School; and work so taken cannot be counted toward degrees in both Schools.

Advanced work in other institutions of learning may be credited toward the Master's degree to the extent of not more than twelve semester-hours upon presentation of detailed certificates of the work for which credit is sought. However, if such work in other institutions is done during the student's period of residence in The George Washington University, it will not be so counted unless the student has obtained the written permission of the Dean *before entering upon such work*.

A second-group course (numbered 101-200) may be counted toward the Master's degree only when registration for advanced credit has been approved at the beginning of the course by the Dean and by the officer of instruction, and provided that the student shall have done such extra work in the course as may be prescribed by the instructor.

Work completed here, or elsewhere, more than three years prior to registration for the Master's degree, will be counted only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

In addition to the course examinations, candidates must pass a general final examination on the major subject. The examination may be either oral or written, or both.

Second-group courses (numbered 101-200) taken in the senior year of college may be counted, provided that the student shall notify the Dean of the School of Government at the beginning of such courses of his desire to count them, and provided that the student shall have done such extra work on the courses as may be prescribed by the professors concerned.

No work counted toward a baccalaureate degree may be counted toward a Masters' degree.

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree is strongly advised so to plan his program from the beginning that work for the lower degree may count for the higher.

Particular attention is called to the statement of graduation requirements on pages 71-73.

RESIDENCE

A minimum of one year must be completed in residence. Summer Sessions work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Unless special permission has been granted by the Dean to pursue the work elsewhere, the last work before graduation must be completed in residence.

No credit is granted for work done in absentia, i.e., without formal instruction here or at some other institution of learning, except for the thesis, which may be completed in absentia with the permission of the department concerned.

SCHOLARSHIP

Students whose scholarship is unsatisfactory may be suspended by the Dean. Regarding the system of grading, see pages 70-71.

THE THESIS

In case a thesis is required, it must be registered for not later than the beginning of the final year, unless the professor in charge of the thesis permits registration at the beginning of the final semester. For this purpose the nine weeks' term of the Summer Sessions is considered as a semester. The choice of the thesis subject must be approved by the professor in charge and recorded in the Office of the Registrar by the date announced in the University calendar. The typewritten thesis in its final form must have the approval of the professor and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 73.

THE DIVISION OF UNIVERSITY STUDENTS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*
Elmer Louis Kayser, Ph.D., *Dean of University Students.*

GENERAL INFORMATION

INTRODUCTORY

The Division of University Students was organized in 1930 in order to make the work of the University in its several divisions more fully accessible to mature students and to provide for the offering of special courses to meet special demands as they may arise from time to time. Students registered in this Division are designated "university" students, as distinguished from regularly matriculated undergraduate and graduate students.

ADMISSION

Men and women over twenty-one years of age may apply for admission as university students, to pursue courses for which they have had adequate preparation. In each case the approval of the instructor concerned must be obtained. Applicants for admission must present a complete statement of the work previously pursued, on the University form. Where a student is found unable to pursue with advantage a course for which he is registered, such student may be dropped from the rolls of that course upon the recommendation of the instructor and with the approval of the Dean.

In special instances, with the permission of the instructor, a person may be registered as an "auditor" in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

UNIVERSITY STUDENTS IN THE LAW SCHOOL

A limited number of persons who cannot qualify as candidates for a degree in Law, but who are over twenty-five years of age and because of their maturity, educational training, and practical experience seem qualified to pursue the study of Law, may be admitted as university students upon the approval of the Faculty of the Law School.

Candidates for admission as university students in the Law School must file written applications, setting forth their qualifications in detail, and letters and certificates to prove the facts stated therein as to their edu-

cation and experience. Work done by such university students will not be counted toward a degree.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

GENERAL REGULATIONS

Students in the Division of University Students are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

TRANSFER TO REGULAR STATUS

University students may be transferred, at their request, to other Colleges, Schools, and Divisions of the University only upon complying with the regulations of the specific Colleges, Schools, and Divisions as stated herein.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

EXTENSION COURSES

Special courses may be offered at the University or away from the University whenever the demand exists and the University is able to furnish proper facilities for instruction. Such courses may be credit or noncredit courses, according to University regulations. If they are for credit, the work will be of the same character and standard as that offered by the University in its regular courses.

Extramural classes may be formed by local groups. Such groups may determine, upon consultation with the Dean, the possibility of organizing the type of extramural work which they desire. Extramural courses generally will be arranged to meet in one period for one hour and forty minutes weekly, for fifteen weeks. This constitutes two class hours of fifty minutes each and, when credit is granted, will count for two semester-hours' credit. Such courses must be approved in advance by the department concerned. Tuition will be charged at the rate of \$8 a semester-hour, plus the University fee for extension students. Announcements of extension courses will be issued from time to time and may be obtained upon application at the Office of the Registrar.

THE DIVISION OF LIBRARY SCIENCE

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*

Alfred Francis William Schmidt, A.M., *Director of the Division of Library Science.*

STAFF OF INSTRUCTION

Alfred Francis William Schmidt, A.M., *Professor of Library Science.*

George Franklin Bowerman, A.B., B.L.S., L.H.D., *Professorial Lecturer in Library Science.*

Charles Martel, *Professorial Lecturer in Library Science.*

Elizabeth Adams Lathrop, A.B., *Assistant Professor of Library Science.*

Ernest Kletsch, *Lecturer in Library Science.*

Adelaide Hasse, *Lecturer in Library Science.*

GENERAL INFORMATION

INTRODUCTORY

The Division of Library Science was organized in 1927 as a result of the development of the courses offered in the Department of Library Science in Columbian College. It has as its objective in senior college the training of library assistants, and in the graduate department offers two distinct lines of training, one for Research Librarianship and one for Library Administration. The many special libraries in Washington and the cultural and research work in the Government and the University make this an appropriate place for the training of research librarians and provide opportunities for specialized training in library administration.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

FOR THE BACHELOR'S DEGREE

The Certificate of Junior Standing from the Junior College, or its equivalent, will be accepted for admission to the Division of Library Science. It is recommended that students expecting to enter the Division have at least two years of French and of German in order to meet the required reading examinations, courses in general psychology and social history, and a knowledge of typewriting.

Careful consideration will be given to the aptitude and personal qualifications for library work of all applicants. Library experience will not be credited toward graduation. However, students with adequate professional experience may be released from the practice work required in connection with classroom instruction.

FOR GRADUATE WORK

To be admitted to graduate standing in the Division of Library Science a student must have previously completed the required undergraduate courses in Library Science and hold a baccalaureate degree. Students who wish to undertake graduate work in Library Science will confer with the Director of the Division concerning course and thesis requirements.

REGISTRATION

For information and regulations regarding registration, see pages 53-54.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

GENERAL REGULATIONS

Students in the Division of Library Science are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

The normal program of studies for full-time students is set forth below under "Curriculum Requirements". Nine hours a week constitutes a normal program of work for students with limited schedules.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

PRACTICE AND EXPERIENCE

Practice and experience in the University Library go with the periods of classroom instruction and discussion and constitute integral parts of the course.

Students who have had adequate library experience will be released from this requirement. A limited number of students, who have the qualifications and personality necessary for that service, will gain their experience in the Public Library of the District of Columbia, and a few others in special libraries, both governmental and institutional.

The graduate courses will be conducted with the cooperation of the Committee on Library Training of the District of Columbia Library Association, in part at the Library of Congress under the immediate supervision of departmental chiefs, in part at the Public Library under the supervision of the Librarian, and in part at several of the great special libraries in Washington under the direction of the Committee itself. Students will enjoy the advantage not only of becoming familiar with the administration and distinguishing characteristics of some of the most highly specialized libraries in America, but also of expert guidance and personal contact with outstanding men and women of the library profession.

THE BACHELOR OF ARTS DEGREE

Upon the satisfactory completion of the requirements of the Division of Library Science, the degree of Bachelor of Arts in Library Science is conferred.

REQUIREMENTS FOR THE DEGREE

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00.

Probation.—Students must maintain a quality-point index of at least 2.00 or they are placed on probation. Students remain on probation as long as they fail to attain this index.

Suspension.—Students who receive a grade of *E* or *F* in two courses in two successive semesters are suspended.

Students who fall under probation for the third semester, whether successive or after an interval, are suspended.

Students suspended for poor scholarship may apply for readmission after an interval of a calendar year. A student applying for admission under this rule must submit evidence to the Director of the Division that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. Students suspended twice for poor scholarship will not be readmitted. (See the University ruling covering dismissal, page 74.)

For the purpose of these rules, the Summer Sessions are considered a semester.

In the case of students with limited schedules, the foregoing scholarship rules are applied only when the student has undertaken fifteen semester-hours or multiples thereof, unless he receives a grade of *E* or *F* in two courses in two successive semesters.

CURRICULUM REQUIREMENTS

This curriculum is planned to give students professional training that will prepare them to enter upon active library service. A librarian must have, in addition to executive training, scholarly attainments based on deep cultural interests and sympathies. He should be trained in the modern languages and in history, sociology, literature, and science. The curriculum, as outlined, combines these features with the technical subjects.

Junior Year		Senior Year	
	Sem. hrs.		Sem. hrs.
Library Science 101-2.....	6	Library Science 141.....	2
Library Science 121-22.....	6	Library Science 142.....	2
Library Science 131-32.....	4	Library Science 161.....	2
History 109-10.....	6	Library Science 162.....	4
Electives.....	8	Library Science 171-72.....	4
	<hr/>	Library Science 185-86.....	14
Total.....	30	Electives.....	<hr/>
		Total.....	30

In addition to the major in Library Science, it is recommended that students choose as electives courses in some one field of study which shall constitute a secondary major.

If a student presents satisfactory credit for a required course, an elective, subject to the approval of the Director, may be substituted.

SPECIAL WORK

Senior students may elect such special work as Public-Library Problems (Library Science 221-22), Children's Literature and Library Work with Children (Library Science 209-10), etc.

THE MASTER OF ARTS DEGREE

Upon the satisfactory completion of the graduate requirements of the Division of Library Science, the degree of Master of Arts, with a designation of the major field of study, is conferred. The major fields are Research Librarianship and Library Administration.

RESEARCH LIBRARIANSHIP

Graduate courses for Research Librarianship training are so ordered as to emphasize not only the advanced problems of library work adapted to research, but also to provide a major field of academic study, such as History or Physical Science. The following curriculum is recommended:

	Sem. hrs.
Library Science 185-86.....	4
Library Science 201-2.....	6
Library Science 205-6 or 207-8.....	6
Research.....	6
Academic major elective.....	12
Total.....	34

LIBRARY ADMINISTRATION

The curriculum in Library Administration offers not only advanced work in Library Science, but also study of general administration and finance, and training in advanced Psychology.

	Sem. hrs.
Economics 123.....	3
Library Science 201-2.....	6
Library Science 217-18.....	6
Library Science 225.....	3
Political Science 186.....	6
Psychology 143-44.....	3
Statistics 1.....	6
Research.....	6
Total.....	36

THE DIVISION OF FINE ARTS

THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*

Norris Ingersoll Crandall, M.Arch., *Director of the Division of Fine Arts.*

STAFF OF INSTRUCTION

Norris Ingersoll Crandall, M.Arch., *Professor of Architecture.*

Samuel Burtis Baker, *Adjunct Professor of Drawing and Painting.*

Donald Chenoweth Kline, B.Arch., *Assistant Professor of Architecture.*

Eugen Weisz, *Lecturer and Critic in Art.*

George Richard Roberts, A.M., LL.B., C.E., *Lecturer in Architecture.*

Albert Nelson Davis, *Associate in Art.*

GENERAL INFORMATION

INTRODUCTORY

A Department of Architecture was created as a part of the University in 1892, and a School of Fine Arts in 1894. In the reorganization of the University in 1928 a Division of Fine Arts was created.

The Department of Architecture is registered by the Division of Professional Licensure of the University of the State of New York, the District of Columbia Board of Examiners and Registrars of Architects, and the American Academy in Rome, and cooperates with the Beaux Arts Institute of Design.

THE LIBRARY

The library contains about two thousand volumes, including most of the standard works on architecture, sculpture, and painting; the Russell Sturgis collection of 7,500 carefully selected photographs of architecture, sculpture, and painting; and the important architectural and art periodicals. Library rooms are adjacent to the design studios. Provision is made for obtaining books from the University Library or the Library of Congress.

ART COLLECTIONS

The National Gallery of Art, housed in the National Museum, the Freer Gallery of Art, the Corcoran Gallery of Art, and the Phillips Memorial Gallery, as well as the extensive collection of prints in the Library of Congress, are all available to the student.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52.

Special students and auditors are referred to the Division of University Students.

FOR THE BACHELOR'S DEGREES

Admission to the Division of Fine Arts is based on a Junior Certificate or on the evidence of the satisfactory completion of two years of college work. Candidates for admission are required to present a certificate stating that the work of the pre-Art curriculum has been satisfactorily completed.

FOR THE MASTER'S DEGREE

To be admitted to candidacy for the Master of Arts degree, a student must present a Bachelor of Arts degree from an accredited institution. To be admitted to candidacy for the Master of Fine Arts degree, a student must present either a Bachelor of Architecture degree or a Bachelor of Fine Arts degree or its equivalent from an accredited institution. Students from unaccredited institutions may be admitted, at the discretion of the Faculty, if recommended by the major department. Such students shall complete one semester's work in the Division of Fine Arts and receive the recommendation of the major department before registering for the degree.

ADVANCED STANDING

Advanced credit from art and architecture schools which are not affiliated with an accredited college or university may be established by registering in more advanced work of the same type for which credit is desired. If the work is satisfactory, the credit will be transferred from the institution at which previous training was received. Practical experience alone will not be accepted for advanced credit.

REGISTRATION

For information and regulations regarding registration, see pages 53-54. All schedules must be approved by the Director of the Division.

FEES AND FINANCIAL REGULATIONS

For a statement of fees and financial regulations, see pages 55-59.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

Scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Comptroller of the University in accordance with instructions stated on page 60.

For particulars regarding scholarships, prizes, and loan funds, see pages 60-68.

GENERAL REGULATIONS

Students in the Division of Fine Arts are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 48-59 and 69-74.

AMOUNT OF WORK

The normal program of studies for full-time students is set forth below under "Curriculum Requirements". Students with limited schedules will take a proportionately longer time to complete the curricula.

ATTENDANCE

Regular attendance is required in all classes and at all criticism periods. Irregular attendance may cause the work of any student to be rejected. All drawing-room work must be done in the drawing rooms of the University.

CLASSIFICATION OF STUDENTS

Students are classified as follows: *juniors*, those who have earned sixty-four semester-hours of credit; *seniors*, those who have earned ninety-four semester-hours of credit; *professionals*, those who are registered for a professional degree; *graduates*, those who are registered for a graduate degree.

LIBRARY BOOKS

Students are held responsible for any books removed from the library and will be required to pay for loss, mutilation, or damage done.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 197.

THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the Division of Fine Arts, the degree of Bachelor of Arts with a designation of the major field of study is conferred. The major fields are Architecture, Building, Illustration, and Art. Upon the completion of further specified requirements, the professional degree of Bachelor of Architecture or Bachelor of Fine Arts is conferred.

REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements. *Particular attention is called to the statement of graduation requirements on pages 71-73.*

SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 70-71.

In order to graduate a student must have a quality-point index of at least 2.00.

A student taking twelve semester-hours or more, whose scholarship is below a *D* average in values during any one semester, shall be dropped. A student taking less than twelve semester-hours, whose scholarship is below a *D* average in values during any two successive semesters, shall be dropped.

A student whose scholarship is below a *C* average in values shall be placed on probation. A student shall be taken off probation after he has attained a *C* average or higher in values. A student who has been on probation for two successive semesters shall be dropped.

After an interval of one semester a student who has been dropped may apply for readmission. A student who has been dropped twice for poor scholarship will not be readmitted. (See the University ruling covering dismissal, page 74.)

CURRICULUM REQUIREMENTS

The curriculum requirements include, for the Bachelor of Arts degree, a total of at least 124 semester-hours of credit, and for the Bachelor of Architecture and Bachelor of Fine Arts degrees, at least 154 semester-hours of credit.

BACHELOR OF ARTS

Junior Year		Senior Year	
	Sem. hrs.		Sem. hrs.
Appreciation 111-12.....	2	Appreciation 151-52.....	4
Appreciation 131-32.....	2	Architecture 113-14.....	4
Appreciation 141-42.....	4	Architecture 123-24.....	4
Architecture 103-4.....	2	Civil Engineering 43-44.....	8
Design 105-6.....	8	Design 125-26.....	4
Drawing 127.....	2	Drawing 107-8.....	4
Painting 110.....	2		
Psychology 191-92.....	6		
Total.....	28	Total.....	32

The Division of Fine Arts

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Building

Junior Year	Sem. hrs.	Senior Year	Sem. hrs.
Appreciation 131-32.....	2	Appreciation 151-52.....	4
Appreciation 141-42.....	4	Architecture 113-14.....	6
Architecture 123-24.....	4	Architecture 133-34.....	8
Business Administration 21-22.....	6	Business Administration 131...	3
Chemistry 11-12.....	8	Business Administration 132...	3
Civil Engineering 43-44.....	6	Political Science 127-28.....	6
Total.....	30	Total.....	30

Illustration

Junior Year	Sem. hrs.	Senior Year	Sem. hrs.
Appreciation 131-32.....	2	Appreciation 111-12.....	2
Appreciation 141-42.....	4	Appreciation 151-52.....	4
Design 115-16.....	8	Design 135-36.....	8
Drawing 127.....	2	Drawing 107-8.....	4
English 51-52.....	6	Philosophy 111-12.....	6
Painting 110.....	2	Electives.....	6
Psychology 191-92.....	6	Total.....	30
Total.....	30		

Art

Junior Year	Sem. hrs.	Senior Year	Sem. hrs.
Appreciation 131-32.....	2	Appreciation 111-12.....	2
Appreciation 141-42.....	4	Appreciation 151-52.....	4
English 51-52.....	6	English 171-72.....	6
Philosophy 111-12.....	6	Psychology 152.....	3
Psychology 191-92.....	6	Electives.....	15
Electives.....	6	Total.....	30
Total.....	30		

PROFESSIONAL DEGREES

<i>Bachelor of Architecture</i>		<i>Bachelor of Fine Arts</i>	
Architecture 133-34.....	8	Design 175-76.....	12
Design 165-66.....	12	Drawing 117-18.....	4
Drawing 128.....	2	Drawing 128.....	2
Painting 109.....	2	English 171-72.....	6
Electives.....	6	Painting 109.....	2
Total.....	30	Electives.....	4
		Total.....	30

THE MASTER'S DEGREES

Upon the satisfactory completion of the graduate requirements of the Division of Fine Arts, the degree of Master of Arts or Master of Fine Arts is conferred.

REQUIREMENTS FOR THE DEGREES

RESIDENCE

A candidate must pass in residence and study at this University at least two semesters, or one semester and one summer term of nine weeks, or three summer terms of nine weeks each, or four summer terms of six weeks each. No credit will be granted for work done in absentia, except for the thesis, which may be completed in absentia with the permission of the department concerned.

SCHOLARSHIP

In order to graduate a student must have a grade of *A* or *B* in all work.

CURRICULUM REQUIREMENTS

To receive either the degree of Master of Arts or Master of Fine Arts, the candidate must complete successfully twenty-four semester-hours of work in addition to the thesis, forming a consistent plan of study and subject to the following limitations: (a) Courses may be elected from one, two, or three departments of the University. (b) At least twelve semester-hours, plus the thesis, must be in the major subject. (c) At least twelve semester-hours must be taken in this University. (d) The minimum amount of work in any one subject (not course) is six hours. (e) At least six semester-hours of third-group courses must be included in the course of study. (f) The major chosen for the Master's degree must be in the same work as that for the Bachelor's degree.

THE THESIS

A candidate for the degree of Master of Arts or Master of Fine Arts must present a thesis in his major subject. The thesis counts as six semester-hours of credit toward the degree and must be registered for at the beginning of the final year. The choice of the thesis subject must be approved by the professor in charge of the major and recorded in the Office of the Registrar by the date announced in the University calendar. The thesis in its final form must have the approval of the professor and must be presented to the Director by the student not later than the date announced in the University calendar. If any part of the thesis is presented in written form, it must conform to the requirements stated on page 73.

ORAL EXAMINATION

At least three weeks before the Convocation at which the degree is expected, the candidate must pass an oral examination on his thesis and major field of work before a committee of at least five members appointed by the Director. The judgment of this committee must be written and signed by each member and transmitted to the Director at least two weeks before the stated Convocation.

THE CENTER OF INTER-AMERICAN STUDIES

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*
Alva Curtis Wilgus, Ph.D., *Director of the Center.*

COUNCIL MEMBERS

Heloise Brainerd, A.B., *Chief of the Division of Intellectual Cooperation,
Pan American Union.*
James Christopher Corliss, A.M., *Assistant Professor of Romance Lan-
guages.*
George Howland Cox, *Adjunct Professor of Current Hispanic-American
Affairs.*
Henry Grattan Doyle, A.M., *Professor of Romance Languages.*
E. Gil Borges, LL.D., *Assistant Director, Pan American Union.*
Cecil Knight Jones, B.Litt., *Adjunct Professor of Spanish-American
Literature.*
Constantine E. McGuire, Ph.D., *Library of Congress.*
William Ray Manning, Ph.D., *Department of State.*
James Alexander Robertson, L.H.D., *John B. Stetson University.*
Leo S. Rowe, Ph.D., LL.D., *Director General, Pan American Union.*
James Brown Scott, LL.D., J.U.D., *Secretary of the Carnegie Endowment
for International Peace.*
Alva Curtis Wilgus, Ph.D., *Associate Professor of Hispanic-American
History.*

VISITING LECTURERS, 1934 AND 1935

Arthur S. Aiton, Ph.D., *University of Michigan.*
Isaac Joslin Cox, Ph.D., *Northwestern University.*
Lillian Fisher, Ph.D., *Oklahoma College for Women.*
Alfred L. Hasbrouck, Ph.D., *Washington, D.C.*
Roland D. Hussey, Ph.D., *University of California at Los Angeles.*
Clarence Fielden Jones, Ph.D., *Clark University.*
John Tate Lanning, Ph.D., *Duke University.*
Irving A. Leonard, Ph.D., *University of California at Berkeley.*
Marie Madden, Ph.D., *Fordham University.*
Percy Alvin Martin, Ph.D., *Stanford University.*

Philip Ainsworth Means, Ph.D., *Pomfret, Conn.*

J. Lloyd Mecham, Ph.D., *University of Texas.*

James Fred Rippy, Ph.D., *Duke University.*

GENERAL INFORMATION

Because of its situation in the heart of the National Capital, The George Washington University is able to offer certain types of academic work and to promote and foster certain studies which profit especially by the resources of the Federal Government, the Library of Congress, the Pan American Union, the various embassies and legations, and other institutions located in Washington. Particularly do these advantages apply to the work concerning the nations of the Americas. It is intended that this Center shall take advantage of these manifold opportunities not only by offering regularly constituted courses and special lectures, but also by encouraging directed research and scholarly publications in the broad field of inter-American problems. The Center further aims to facilitate the interchange of university students and professors and to promote closer cooperation in historical, bibliographical, scientific, philosophical, artistic, and literary matters. In this way it is hoped to bring about closer academic and cultural relationships with students, scholars, and educational institutions in the other Americas and with students of the United States who wish to obtain a broader understanding of, and a keener insight into, the history, thought, and culture of the Americas.

In order the better to accomplish these ends, a Council of specialists living in Washington and its vicinity has been associated with the University Faculty and will from time to time offer lectures in the several fields of interest. This Council will also act as a general advisory body with the duty of formulating the program of action for the Center. Its specific functions are to make recommendations concerning the publication of matters: courses, projects, lectures, and lecturers; the publication of worthy research results; the exchange of university professors and students; the establishment of fellowships and scholarships; the convocation of scholars, the holding of special conferences, and the arranging and supervising of radio broadcasts; the suggestion of concrete methods for co-operation with existing agencies having objects similar to those of this Center; the taking of any action necessary to encourage and facilitate all forms of beneficial cooperation between scholars in the American states; and the nomination to the proper University authorities of individuals of exceptional merit who should be granted honorary degrees. Besides the members of the Council, scholars in other communities may be asked to serve in an advisory capacity and to assist particularly in directing research in other localities. As requirements arise, further additions to the staff of instruction will be made through Council nominations.

THE SUMMER SESSIONS

1935

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University.*

Robert Whitney Bolwell, Ph.D., *Dean of the Summer Sessions.*

GENERAL INFORMATION

The Summer Sessions are an integral part of the University, and all courses given are similar to the corresponding courses offered in the other terms. Academic credit for courses satisfactorily completed may be applied towards the appropriate degrees in the various Colleges, Schools, and Divisions of the University. The complete educational equipment and facilities of the University are available to students in the Summer Sessions, including libraries, laboratories, field equipment, etc. All departments of the University are open to men and women.

The Summer Sessions offer an opportunity to continue university work during the summer period. The educational value of a term of study in Washington is of great importance; it forms a background for both intelligent and appreciative citizenship. History, political science, economics, literature, and current events are all vivified by a first-hand knowledge of our national institutions. The schedule of classes allows the students ample time to visit the great libraries and laboratories of the Capital and to observe the Departments and Bureaus of the Government in operation. The many educational and scientific organizations with central offices and exhibits situated in Washington are accessible to students whose special interests draw on such resources. Excursions are arranged to the many places of beauty and historic association in nearby Virginia and Maryland.

Courses will be offered in the Junior College, Columbian College, the Law School, the School of Education, the School of Government, the Division of University Students, and the Division of Library Science. Students in the School of Engineering and the Division of Fine Arts will have the opportunity to take many of their elective and required courses in the Junior College and Columbian College curricula.

Provision is made for the social and recreational side of student life during the Summer Sessions. The University's athletic facilities and equipment are available to all students. The numerous parks and golf courses of Washington, the riding trails, water sports on the Potomac and at nearby beaches, all offer a wide choice of outdoor recreation. The University receptions and dances are annual events, and special summer

editions of the student newspaper are issued. The University fee entitles all students in attendance to medical advice and treatment from the office of the University Physician. A series of University lectures upon themes of contemporary interest by men distinguished in various phases of our modern life will be given during the Sessions.

For the benefit of out-of-town students, summer privileges (subject to certain limitations) have been granted by the Washington branch of the American Association of University Women and by the University Club of Washington. Under this arrangement many students may enjoy the use of these club houses and contact with the membership by applying to the Dean of the Summer Sessions.

SPECIAL PROGRAM FOR 1935

The Summer Sessions of 1935 will present a full program of academic and professional courses. In addition, special curricula have been prepared in the School of Education and the School of Government. A large number of the regular members of the University Faculty will teach during the summer, and distinguished specialists from national economic and educational organizations have been added to the staff.

Because of its situation, The George Washington University is in a position to organize certain types of academic work which profit especially by the resources of the Departments of the Federal Government and other institutions in the National Capital. Under the Center of Inter-American Studies the special attention which has been given to the important field of Hispanic-American affairs will be continued in a fourth seminar-conference to be held this summer. The emphasis this year, however, is centralized on the colonial history of Hispanic America; and the work is so arranged that students whose interests lie in the field of American diplomacy, and particularly in the history of South America, will receive greater benefit. The seminar-conference offers to its members an exceptional opportunity to come into intimate contact with leading authorities in the field, and the course has been so arranged that mutual views and opinions can be exchanged with maximum facility and answers to perplexing questions can be found.

More complete information concerning these and other features of the Summer Sessions curricula will be found in the Summer Sessions Bulletin, now available upon request.

GENERAL REGULATIONS

The rules and regulations of the University apply to all departments of the Summer Sessions. The announcements of the separate Colleges, Schools, and Divisions in this catalogue should be consulted for information regarding admission, advanced standing, fees, etc.

Special publications relating to the Summer Sessions will be sent to all interested persons on request.

COURSES OF INSTRUCTION

The courses of instruction offered in the Summer Sessions are included in the alphabetical list of courses beginning on page 197 and also in the Summer Sessions Bulletin.

COURSES OF INSTRUCTION

COURSES OF INSTRUCTION

On the following pages of this bulletin, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the University in the summer of 1935 and in the academic year 1935-36. The courses as here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

The system of numbers and symbols used in connection with these announcements of courses is explained in the following paragraphs.

EXPLANATION OF COURSE NUMBERS

In all departments of instruction the number which precedes the name of a course indicates the semester in which that course is offered. *An odd number indicates that the course is offered in the first semester; an even number, that it is offered in the second semester; and a double number (e.g., 157-58), that it begins in the first semester and continues in the second.* This rule has no application, however, to courses offered only in the Summer Sessions. In a few cases, where a course which is numbered for one semester and is normally given in that semester, is offered this year in the opposite semester, such exception to the foregoing rule is clearly noted in the statement following the name of the course; and in each such case the course number is followed by the letter *x* (e.g., 21x).

In the Department of Law, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and graduate courses, from 401 to 500.

In the departments of the School of Medicine, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

In all other departments the following grouping is used:

First-group courses, numbered from 1 to 100, are planned for students in the freshman and sophomore years.

Second-group courses, numbered from 101 to 200, are planned for students in the junior and senior years. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the Dean responsible for the graduate work and by the officer of instruction and when the completion of additional work has been certified to by the officer of instruction.

Third-group courses, numbered from 201 to 300, are planned primarily for graduate students. They are open to seniors only with the approval of the officer of instruction.

INDICATION OF THE AMOUNT OF CREDIT

The number of semester-hours of credit given for the satisfactory completion of a course is in most cases indicated in parentheses after the name of the course. Thus, a year course giving three hours of credit each semester is marked (3-3), and a semester course giving three hours of credit is marked (3). A semester-hour of credit usually consists of the completion of one fifty-minute period of class work or one laboratory period a week for one semester.

A dagger (†) preceding the number of a year course indicates that the course *may not be entered in the second semester and that credit will not be given until the work of both semesters has been completed.*

RIGHT TO DROP STUDENTS

The right is reserved by the University to drop any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

ANATOMY

George Bain Jenkins, M.D., *Professor of Anatomy, Executive Officer.*
 Othmar Charles Solnitzky, Ph.D., M.D., *Assistant Professor of Anatomy.*
 William Henry Waller, Ph.D., *Instructor in Anatomy.*
 John Ralston Pate, A.B., B.S., M.D., *Teaching Fellow in Anatomy.*

- | | | |
|-------|---|---------------------|
| 101 | <i>Gross Anatomy</i> | Jenkins and Staff |
| | This course consists of instruction in osteology, followed by the careful dissection and study of the entire body. Sixteen hours a week. | |
| 103 | <i>Histology and Embryology</i> | Solnitzky and Staff |
| | This course includes the histogenesis and microscopic structure of the tissues and organs of the human body. Fifteen hours a week. | |
| 104 | <i>Regional Anatomy</i> | Jenkins and Staff |
| | A correlation course in which cross sections, prepared specimens, and models are employed to study the developmental, gross, and microscopic details of body structure. Six hours a week. | |
| 105 | <i>Microscopic-Anatomy Seminar (elective)</i> | Solnitzky |
| | Hours and credits to be arranged. | |
| 107 | <i>Comparative Anatomy (elective)</i> | The Staff |
| | Hours and credits to be arranged. | |
| 201 | <i>Functional and Surgical Anatomy</i> | The Staff |
| | A course in applied Anatomy taught in conjunction with the clinical staff. Two hours a week. | |
| 203-4 | <i>Research</i> | Jenkins and Staff |
| | Hours and credits to be arranged. | |
| 205 | <i>Microtechnic</i> | The Staff |
| | Hours and credits to be arranged. | |
| 336 | <i>Surgical Anatomy (elective)*</i> | Jenkins |
| | Two hours a week. | |

*This course is given in collaboration with the Department of Surgery

ART

Norris Ingersoll Crandall, M.Arch., *Professor of Architecture, Executive Officer.*

Samuel Burtis Baker, *Adjunct Professor of Drawing and Painting.*

Donald Chenoweth Kline, B.Arch., *Assistant Professor of Architecture.*

Eugen Weisz, *Lecturer and Critic in Art.*

George Richard Roberts, A.M., LL.B., C.E., *Lecturer in Architecture.*

Albert Nelson Davis, *Lecturer in Art.*

Minimum requirements for the major.—See pages 186-87.

APPRECIATION

FIRST GROUP

1-2 *Environment Appreciation (3-3)*

Tues., Wed., and Thurs., 12.10 p.m.

Crandall

11-12 *Art and Nature Appreciation (3-3)*

Mon., Wed., and Fri., 5.10 p.m.

Crandall

21-22 *Historic Painting and Sculpture (3-3)*

Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.

Weisz

SECOND GROUP

111-12 *Current Criticism (1-1)*

Tues., 5.10 p.m.

Crandall

131-32 *Historic Ornament (1-1)*

Mon., 5.10 p.m.

Kline

141-42 *Architecture of the Mediterranean and the Levant (2-2)*

Wed. and Fri., 5.10 p.m.

Kline

151-52 *Architecture of Europe and the West (2-2)*

Tues. and Thurs., 6.10 p.m.

Kline

ARCHITECTURE

SECOND GROUP

103-4 *Principles of Planning (1-1)*

Prerequisite: Appreciation 11-12 (or concurrent registration therefor). Thurs., 5.10 p.m.

Crandall

- 113-14 Construction (3-3)** **Roberts**
Materials and practices of the building trades. Structural details, specifications, contracts, and supervision. Prerequisite: junior standing. Mon., Wed., and Fri., 5.10 p.m.
- 123-24 Mechanical Equipment (2-2)** **Roberts**
Plumbing, heating, ventilating, and electrical installation. Prerequisite: junior standing. Tues. and Thurs., 5.10 p.m.
- 133-34 Office Practice (4-4)** **Crandall and Staff**
Office procedure and records. Diagnosis of client's economic and environmental needs. Working drawings, details, and specifications. Prerequisite: Architecture 114. Drawing-room fee, \$3 a semester. Wed. and Fri., 7.40 to 9.30 p.m.

DESIGN

SECOND GROUP

- 105-6 Architecture (4-4)** **The Staff**
Beaux Arts Institute of Design class B and environment problems. Prerequisite: Drawing 18. Drawing-room fee, \$6 a semester; Beaux Arts fee, \$7.50 a semester. Section A, Mon., Tues., and Fri., 1.40 to 4 p.m. Section B, Mon., Tues., and Fri., 7.40 to 10 p.m.
- 115-16 Illustration (4-4)** **Weisz**
Varicolored compositions. Prerequisite: Drawing 18. Drawing-room fee, \$6 a semester. Section A, Mon., Tues., and Fri., 1.40 to 4 p.m. Section B, Mon., Tues., and Fri., 7.40 to 10 p.m.
- 125-26 Architecture (4-4)** **The Staff**
Beaux Arts Institute of Design class A and B and environment problems. Prerequisite: Design 106. Drawing-room fee, \$6 a semester; Beaux Arts fee, \$7.50 a semester. Section A, Mon., Tues., and Fri., 1.40 to 4 p.m. Section B, Mon., Tues., and Fri., 7.40 to 10 p.m.
- 135-36 Illustration (4-4)** **Weisz**
Book and poster illustration in all mediums. Prerequisite: Design 116. Drawing-room fee, \$6 a semester. Section A, Mon., Tues., and Fri., 1.40 to 4 p.m. Section B, Mon., Tues., and Fri., 7.40 to 10 p.m.
- 165-66 Architecture (6-6)** **The Staff**
Beaux Arts Institute of Design class A and environment problems. Prerequisite: Design 126. Drawing-room fee, \$6 a semester; Beaux Arts fee, \$7.50 a semester. Section A, Mon., Tues., and Fri., 1.40 to 4 p.m. Section B, Design 165 or 166,

Mon., Tues., and Fri., 7.40 to 10 p.m. Students with limited schedules may take Design 165 and 166 for two semesters each.

175-76 *Illustration (6-6)*

Weiss

Advanced problems. Prerequisite: Design 136. Drawing-room fee, \$6 a semester. Section A, Mon., Tues., and Fri., 1.40 to 4 p.m. Section B, Design 175 or 176, Mon., Tues., and Fri., 7.40 to 10 p.m. Students with limited schedules may take Design 175 and 176 for two semesters each.

185-86 *Seminar in Design*

The Staff

Hours and credits to be arranged.

DRAWING

FIRST GROUP

7-8 *Drawing: Black and White (3-3)*

The Staff

Lettering, perspective, charcoal, pencil, pen-and-ink, wash, dry brush, and design. Drawing-room fee, \$3 a semester. Section A, Mon., Wed., and Fri., 1.40 to 4 p.m. Section B, Mon., Wed., and Fri., 7.40 to 10 p.m.

17-18 *Drawing and Color (3-3)*

The Staff

Shades and shadows; design in pencil, charcoal, water color, oil, pastel, and tempera. Prerequisite: Drawing 8. Drawing-room fee, \$3 a semester. Section A, Mon., Wed., and Fri., 1.40 to 4 p.m. Section B, Mon., Wed., and Fri., 7.40 to 10 p.m.

SECOND GROUP

107-8 *Life Class (2-2)*

Baker

Anatomy, drawing in charcoal, and composition. Prerequisite: Drawing 18. Drawing-room fee, \$3 a semester. Section A, Wed. and Thurs., 1.40 to 4 p.m. Section B, Wed. and Thurs., 7.40 to 10 p.m.

117-18 *Advanced Life Class (2-2)*

Baker

Drawing in charcoal and advanced composition. Prerequisite: Drawing 108. Drawing-room fee, \$3 a semester. Section A, Wed. and Thurs., 1.40 to 4 p.m. Section B, Wed. and Thurs., 7.40 to 10 p.m.

127-28 *Advanced Pencil and Pen-and-Ink (2-2)*

Davis

Prerequisite: Drawing 18. Drawing-room fee, \$3 a semester. Section A, Wed. and Thurs., 1.40 to 4 p.m. Section B, Wed. and Thurs., 7.40 to 10 p.m.

PAINTING

SECOND GROUP

- ¹⁰⁹⁻¹⁰ *Advanced Water Color (2-2)* Weisz
Prerequisite: Drawing 18. Drawing-room fee, \$3 a semester.
Section A, Tues. and Thurs., 1.40 to 4 p.m. Section B, Tues. and
Thurs., 7.40 to 10 p.m.
- ¹¹⁹⁻²⁰ *Still-life (2-2)* The Staff
Prerequisite: Drawing 18. Drawing-room fee, \$3 a semester.
Section A, Tues. and Thurs., 1.40 to 4 p.m. Section B, Tues.
and Thurs., 7.40 to 10 p.m.
- ¹²⁹⁻³⁰ *Life Class (2-2)* Baker
Prerequisite: Drawing 108. Drawing-room fee, \$3 a semester.
Section A, Wed. and Thurs., 1.40 to 4 p.m. Section B, Wed.
and Thurs., 7.40 to 10 p.m.
- ¹⁴⁹⁻⁵⁰ *Advanced Painting and Composition* The Staff
Hours and credits to be arranged

BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Earl Baldwin McKinley, A.B., M.D., *Professor of Bacteriology, Executive Officer.*

Leland Wilbur Parr, Ph.D., *Associate Professor of Bacteriology.*

John Harold Hanks, Ph.D., *Assistant Professor of Bacteriology.*

Alden Franklin Roe, Sc.D., *Instructor in Bacteriology.*

Randall Leslie Thompson, Sc.D., *Research Associate in Bacteriology.*

111 *General Bacteriology (3)*

Hanks

A study of the fundamental facts of Bacteriology, including discussions of the industrial and hygienic applications of the science. Several groups of bacteria, yeasts, and molds are studied in the laboratory. Mon., Wed., and Fri., 9 to 11 a.m.

112 *Bacteriology and Immunology*

McKinley, Parr, Hanks, Roe

A thorough grounding in bacteriological technique and a comprehensive study of all the important pathogenic micro-organisms. The course stresses those phases of Bacteriology and Immunology directly related to medical problems concerning infectious diseases and their pathology, diagnosis, and treatment. Practical immunological and serological technique, certain of the helminths and protozoan parasites, the filterable viruses, and rickettsiae are also considered. Eleven hours a week.

211 *Immunology and Serology (elective)*

Hanks

Hours and credits to be arranged.

213 *Filterable Viruses*

McKinley, Thompson

A survey of methods for the study of filterable viruses and of the principal virus diseases. Prerequisite: Bacteriology 112. Hours and credits to be arranged.

302 *Infectious Diseases (elective)*

The Staff

Clinical aspects of Bacteriology and prevention of the common infectious diseases. One hour a week.

303-4 *Research in Bacteriology*

The Staff

Hours and credits to be arranged.

309-10 *Staff Seminar*

The Staff

Biweekly.

HYGIENE AND PREVENTIVE MEDICINE

- Roscoe Roy Spencer, A.B., M.D., *Associate Professor of Hygiene and Preventive Medicine, Coordinating Officer.*
 Warren F. Draper, A.B., M.D., *Professorial Lecturer in Public-Health Administration.*
 Walter L. Treadway, M.D., *Professorial Lecturer in Preventive Medicine.*
 Royd R. Sayers, M.D., *Professorial Lecturer in Industrial Hygiene.*
 William Charles White, M.B., M.D., *Professorial Lecturer in Tuberculosis.*
 Louis L. Williams, M.D., *Professorial Lecturer in Preventive Medicine.*
 R. A. Vondelehr, M.D., *Professorial Lecturer in Preventive Medicine.*
 Estella F. Warner, M.D., *Professorial Lecturer in Child Hygiene.*
 Leslie C. Frank, C.E., *Professorial Lecturer in Sanitary Science.*
 Ralph E. Tarbett, B.S., *Professorial Lecturer in Sanitary Science.*
 Selwyn D. Collins, A.M., Ph.D., *Professorial Lecturer in Sanitary Science.*

110 *Introduction to Community Health and Sanitation (1)* The Staff
 Modern sanitation, the safeguarding of public water and milk supplies, industrial hygiene, and public and community health measures. The broad obligations of the general practitioner in matters of public health and his relationship to Federal, State, municipal, county, and non-official health agencies are stressed. One hour a week.

212 *Hygiene (2)* Spencer and Staff
 The student is familiarized with the rapid present-day transition from curative to preventive medicine, the problems that are arising in the fields of medical ethics and medical economics, and the social aspects of medical practice or the ever-expanding duties of the general practitioner and of the profession as an integral group in our social structure. Two hours a week.

301 *Preventive Medicine** The Staff
 The methods employed in the study of epidemics of the more important communicable and reportable diseases; analysis of the epidemiological data upon which are based our modern methods of prevention and control; and exposition of the general and specific control measures usually employed by modern health units. Two hours a week.

488 *Public-Health Aspects of Clinical Medicine and Surgery* The Staff
 The course is conducted by the forum method, in which the clinical departments and the staff in Hygiene and Preventive Medicine take part. Eight periods.

* Supplemented for exceptional students by summer field work in various health departments.

BIOCHEMISTRY

Vincent du Vigneaud, Ph.D., *Professor of Biochemistry, Executive Officer.*
 Joseph Hiram Roe, Ph.D., *Professor of Biochemistry.*
 Oliver John Irish, A.M., *Instructor in Biochemistry.*
 Hubert Scott Loring, Ph.D., *Instructor in Biochemistry.*
 Wilbur Irvin Patterson, Ph.D., *Instructor in Biochemistry.*
 Helen Marie Dyer, A.M., *Associate in Biochemistry.*

54 *Biochemistry of Foods and Nutrition* (4) Dyer
 Lecture and laboratory course designed particularly for students of the Department of Home Economics. Tues. and Thurs., 2 to 5 p.m.

†141-42 *Biochemistry* (4-4) Roe, Dyer
 Lecture and laboratory course for nonmedical students, similar in general content to Biochemistry 144 and 251. Mon. and Wed., 9 a.m. to 12.

144 *Biochemistry* du Vigneaud, Roe, and Staff
 Lecture course dealing with the biochemistry of proteins, fats, and carbohydrates; digestion, tissues, intestinal putrefaction, and feces; blood, milk, and urine. Physical-chemical topics such as osmosis, colloids, and enzyme kinetics are brought out in their relationship to the above subjects. Attention is also given to various phases of intermediary metabolism, to the endocrines, and to the so-called deficiency diseases. Two hours a week.

146 *Biochemistry Seminar (elective)* du Vigneaud, Roe, and Staff
 Seminar course for freshmen amplifying the lectures in Biochemistry 144 and taking up in greater detail certain aspects of the field. One hour a week.

251 *Advanced Biochemistry* du Vigneaud, Roe, and Staff
 Lecture and laboratory course continuing the work of Biochemistry 144. The chemistry of proteins, fats, and carbohydrates, and digestion, tissue chemistry, hydrogen-ion concentration, and methods of quantitative analysis are studied in the laboratory. Methods of analysis of urine, blood, gastric contents, and feces which are aids in the diagnosis of diseases and metabolic disturbances are particularly stressed in the labora-

tory, and the interpretation of the findings by these methods is thoroughly dealt with in the lecture work. The lectures are also designed to correlate the laboratory work with the previous semester's lecture work and to present advanced biochemical material. Two hours of lectures and nine hours of laboratory work a week.

252 *Chemistry of the Internal Secretions (elective)* du Vigneaud
One hour a week.

253-54 *Biochemical Preparations* The Staff
Hours and credits to be arranged.

255-56 *Biochemical Literature (1-1)* du Vigneaud
Seminar course on the current literature in Biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged.

257-58 *Staff Seminar* The Staff
Biweekly.

259-60 *Research in Biochemistry* du Vigneaud and Staff
Hours and credits to be arranged.

BIOLOGY*

Paul William Bowman, Ph.D., *Assistant Professor of Biology, Executive Officer.*

Minimum requirements for the major in Columbian College.—Biology 1-2; two of the following three courses: Botany 1 and 2, Geology 21-22, and Zoology 1-2; and eighteen semester-hours of second- and third-group courses, some of which may be in Botany and Zoology, and such collaterals as may be required in each case.

Minimum requirements for the major in the School of Education.—Thirty semester-hours of approved work in Biology and related subjects.

Fees.—For a statement of laboratory fees, see page 56.

FIRST GROUP

1-2 *Survey in Biology* (3-3)

Bowman

A study of plants and animals, their environment, and their relations to man. Tues., 11.10 a.m. Section A, field Mon., 1.40 to 4.30 p.m.; laboratory Wed., 10.10 a.m. to 12. Section B, field Wed., 1.40 to 4.30 p.m.; laboratory Thurs., 11.10 a.m. to 1 p.m. Section C, field Fri., 1.40 to 4.30 p.m.; laboratory Sat., 10.10 a.m. to 12.

SECOND GROUP

†107-8 *Evolution* (3-3)

Griggs

Prerequisite: one year of college work in Biology, Botany, Geology, or Zoology. Mon., Wed., and Fri., 5.10 p.m.

†115-16 *Principles of Cytology* (3-3)

Bowman

Prerequisite: one year of college work in Biology, Botany, or Zoology. Thurs., 5.10 p.m. Laboratory: section A, Tues. and Thurs., 2.40 to 4.30 p.m.; section B, Tues., 5.10 to 7 p.m., and Thurs., 6.10 to 8 p.m.

†127-28 *Introduction to Genetics* (3-3)

Prerequisite: one year of college work in Biology, Botany, or Zoology. Mon., Wed., and Fri., 6.10 p.m.

172 *Teaching of Science* (2)

Yocum

Hours to be arranged.

THIRD GROUP

201-2 *Proseminar: Cytology* (3-3)

Bowman

Hours to be arranged.

211-12 *Research in Cytology*

Bowman

Hours and credits to be arranged.

*See also the Departments of Botany and Zoology, pages 209-11 and 314-15.

BOTANY*

Robert Fiske Griggs, Ph.D., *Professor of Botany, Executive Officer.*

Neil Everett Stevens, Ph.D., *Adjunct Professor of Botany.*

Lawson Edwin Yocum, Ph.D., *Assistant Professor of Botany.*

Minimum requirements for the major.—Twenty-four semester-hours of Botany beyond the introductory courses, with collaterals as recommended in conference.

Fees.—For a statement of laboratory fees, see page 56.

FIRST GROUP

- 1 *Structure and Functions of the Flowering Plant*† (3) The Staff
Section A, Mon. and Wed., 9.00 a.m.; laboratory Wed., 1.40 to 3.30 p.m. Section B, Tues. and Thurs., 11.10 a.m.; laboratory Thurs., 1.40 to 3.30 p.m. Section C, Tues. and Thurs., 5.10 p.m.; laboratory Thurs., 6.30 to 8.30 p.m.
- 2 *Survey of the Plant Kingdom* (3) The Staff
Section A, Mon. and Wed., 9.10 a.m.; laboratory Wed., 1.40 to 3.30 p.m. Section B, Tues. and Thurs., 11.10 a.m.; laboratory Thurs., 1.40 to 3.30 p.m. Section C, Tues. and Thurs., 5.10 p.m.; laboratory Thurs., 6.30 to 8.30 p.m.
- 5 *Field Botany* (4) Griggs and Assistant
Field trips to neighboring localities of botanical interest, with classroom study. (Not offered in 1935-36.)

SECOND GROUP

- 105 *Preseason Field Trip* (3) Griggs
To the coastal plain and mountains of North Carolina. Admission by permission of the instructor. (Not offered in 1935-36.)
- 106 *Postseason Field Trip* (2) Griggs and Assistant
To the Pine Barrens of New Jersey. Admission by permission of the instructor. (Not offered in 1935-36.)
- 117-118 *Morphology of Nonvascular Plants* (3-3)
Prerequisite: Botany 1 and 2, or Biology 1-2. Mon., 6.10 p.m.; laboratory Mon., Wed., and Fri., hours to be arranged. (Offered in alternate years, not in 1935-36.)

*See also the Departments of Biology and Zoology, pages 208 and 314-15.
†Before completing registration for Botany 1 each student must obtain from the representative of the Department an assignment to a laboratory section.

- 119-20 *Morphology of Vascular Plants* (3-3)
Prerequisite: Botany 1 and 2, or Biology 1-2. (Not offered in 1935-36.)
- 121-22 *Monocots* (3-3) Griggs
Prerequisite: Botany 1 and 2. Wed., 6.10 p.m.; laboratory Mon., Wed., and Fri., hours to be arranged. (Offered in 1935-36 and alternate years.)
- 123-24 *Dicots* (3-3) Griggs
Prerequisite: Botany 1 and 2. Wed., 6.10 p.m.; laboratory Mon., Wed., and Fri., hours to be arranged. (Offered in alternate years, not in 1935-36.)
- 125 *Physiological Plant Anatomy* (4) Griggs and Assistant
Special adaptations of plants to unusual environments. Prerequisite: Botany 1 and 2, or 5, or Biology 1-2. (Not offered in 1935-36.)
- 131-32 *Mycology* (3-3)
Prerequisite: Botany 1 and 2, or Biology 1-2. Tues., 6.10 p.m.; laboratory Tues. and Thurs., hours to be arranged. (Offered in 1935-36 and alternate years.)
- 133-34 *Pathology* (3-3)
Prerequisite: Botany 1 and 2, or Biology 1-2. Tues., 6.10 p.m.; laboratory Tues. and Thurs., hours to be arranged. (Offered in alternate years, not in 1935-36.)
- 135-36 *Plant Physiology* (3-3) Yocum
Prerequisite: Botany 1 and 2, or Biology 1-2; Chemistry 11-12. Mon. and Wed., 5.10 p.m.; laboratory Mon. and Wed., hours to be arranged.
- 141-42 *Plant Ecology* (3-3) Griggs
Prerequisite: Botany 1 and 2, or Biology 1-2. Fri., 6.10 p.m.; laboratory hours to be arranged. (Offered in alternate years, not in 1935-36.)
- 143-44 *Plant Geography* (3-3) Griggs
Prerequisite: Botany 1 and 2, or Biology 1-2. Fri., 6.10 p.m.; laboratory hours to be arranged. (Offered in 1935-36 and alternate years.)
- 145 *Plant Histology* (3)
Prerequisite: Botany 1 and 2, or Biology 1-2. (Not offered in 1935-36.)
- 148 *Taxonomy of Algae* (3)
Prerequisite: Botany 1 and 2, or Biology 1-2. (Not offered in 1935-36.)

THIRD GROUP

219-20	<i>Proseminar: Morphology</i> (3-3) Hours to be arranged.	The Staff
221-22	<i>Proseminar: Taxonomy</i> (3-3) Hours to be arranged.	Griggs
235-36	<i>Proseminar: Physiology</i> (3-3) Hours to be arranged.	Yocum
241-42	<i>Proseminar: Ecology</i> (3-3) Hours to be arranged.	Griggs
247-48	<i>Seminar: History of Botany</i> (3-3) (Not offered in 1935-36.)	Stevens
251-52	<i>Seminar</i> (3-3) Mon. and Fri., 12.10 p.m.	The Staff
261-62	<i>Research</i> Hours and credits to be arranged.	The Staff

SPECIAL METHOD COURSE

Biology 172, *Teaching of Science*.

BUSINESS ADMINISTRATION

Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration.*

Ralph Dale Kennedy, Ph.D., *Assistant Professor of Accounting and Business Administration, Executive Officer.*

_____, *Lecturer on Marketing*

_____, *Instructor in Business Administration.*

Minimum requirements for the major.—See pages 170-72.

FIRST GROUP

- 21-22 *Principles of Accounting* (3-3) Owens, Kennedy
 Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon.,
 Wed., and Fri., 11.10 a.m. Section C, Tues., Thurs., and Sat.,
 6.10 p.m. Section D, Mon., Wed., and Fri., 6.10 p.m.

SECOND GROUP

- 124 *Federal Taxation* (3) Mon., Wed.,
 Prerequisite: Business Administration 21-22. and Fri., 6.10 p.m.
- 127 *State and Municipal Taxation* (3) Mon., Wed., and Fri., 5.10 p.m.
 Prerequisite: Economics 1-2.
- 128 *Governmental Budgets* (3) Mon., Wed., and Fri., 5.10 p.m.
 Prerequisite: Economics 1-2.
- 129 *Federal Accounting and Reports* (3) Mon., Wed., and
 Prerequisite: Business Administration 21-22. Fri., 6.10 p.m.
- 130 *State and Municipal Accounting* (3) Mon., Wed., and
 Prerequisite: Business Administration 21-22. Fri., 6.10 p.m.
- 131 *Business Organization and Control* (3) Owens
 Mon., Wed., and Fri., 10.10 a.m.
 Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m., nine
 weeks' term.
- 132 *Business Management* (3) Owens
 Mon., Wed., and Fri., 10.10 a.m.

- 135 *Corporation Finance* (3) Sutton
Prerequisite: Economics 1-2. (Offered in alternate years, not in 1935-36.)
- 136 *Investments* (3) Sutton
Prerequisite: Business Administration 135. (Offered in alternate years, not in 1935-36.)
- 137-38 *Advanced Accounting* (3-3) Owens
Prerequisite: Business Administration 21-22. Tues., Thurs., and Sat., 5.10 p.m.
- 139 *Industrial Cost Accounting* (3) Owens
Prerequisite: Business Administration 21-22. (Offered in alternate years, not in 1935-36.)
- 140 *Auditing* (3) Owens
Prerequisite: nine semester-hours in Accounting. Tues., Thurs., and Sat., 6.10 p.m.
- 144 *Accounting Theory and Problems* (3) Owens
Prerequisite: Business Administration 137-38. (Offered in alternate years, not in 1935-36.)
- 145 *Commercial Cost Accounting* (3) Owens
Prerequisite: Business Administration 21-22. Tues., Thurs., and Sat., 6.10 p.m.
- 147 *Marketing* (3)
Prerequisite: Economics 1-2. Tues., Thurs., and Sat., 6.10 p.m.
Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m., nine weeks' term (Kennedy).
- 150 *Exporting and Importing* (3)
Prerequisite: Economics 1-2. Tues., Thurs., and Sat., 6.10 p.m.
- 151 *Public Utilities* (3) Kennedy
Prerequisite: Economics 1-2. Mon., Wed., and Fri., 9.10 a.m.
- 153-54 *Principles of Transportation* (3-3) Kennedy
Prerequisite: Economics 1-2. Tues., Thurs., and Sat., 5.10 p.m.
Summer Sessions 1935 (3)—daily except Sat., 6.10 p.m., nine weeks' term.
- 156 *Speculation, Business Forecasting, and Insurance* (3) Kennedy
Prerequisite: Economics 1-2. Mon., Wed., and Fri., 9.10 a.m.
Summer Sessions 1935 (3)—daily except Sat., 6.10 p.m., nine weeks' term (Owens).

THIRD GROUP

211-12 *Proseminar: Accounting Problems* (3-3)
Tues., 8 p.m.

The Staff

231-32 *Seminar: Business Administration* (3-3)
Thurs., 8 p.m.

The Staff

CHEMISTRY

- Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry.*
 Ralph Edward Gibson, Ph.D., *Adjunct Professor of Chemistry.*
 Benjamin Douglass Van Evera, M.S., *Associate Professor of Chemistry,*
Executive Officer.
 DeWitt Clinton Knowles, Jr., M.S., *Assistant Professor of Chemistry.*
 _____, *Assistant Professor of Chemistry.*
 Joseph Alfred Ambler, Ph.D., *Lecturer in Chemistry.*
 Paul Hugh Emmett, Ph.D., *Lecturer in Chemistry.*
 _____, *Instructor in Chemistry.*
 David Halbert Howard, Jr., Ph.D., *Instructor in Chemistry.*

Minimum requirements for the major.—Chemistry 11-12, 21, 41-42, 111-12, 121-22, and 191-92, with Mathematics 19 and 20 and Physics 11, 12, 13, and 14 as collaterals. The work of the junior and senior years must be approved by the Department. For students who desire a broader and more general preparation in Chemistry, Mathematics, and Physics combined, a group major may be arranged by consultation with the executive officers of the several Departments. The German language is recommended for all majors.

Registration.—Before completing registration for courses in which there are laboratory sections, each student must obtain from the representative of the Department an assignment to a laboratory section and locker.

Fees.—For a statement of laboratory fees and deposits, see page 56.

FIRST GROUP

- 4 *Introduction to Physical Science* (3) Van Evera and Assistants
 Prerequisite: high-school Physics or Physics 3. Tues. and Thurs.,
 10.10 a.m.; laboratory Thurs., 1.40 to 4.30 p.m.

- 11-12 *General Chemistry** (4-4) Van Evera, Howard, and Assistants
 Section A, Mon. and Wed., 10.10 a.m. Section B, Mon. and
 Wed., 5.10 p.m. Laboratory: section M, Mon. and Wed., 1.40
 to 4.30 p.m.; section N, Tues. and Thurs., 1.40 to 4.30 p.m.;
 section P, Tues. and Thurs., 6.30 to 9.20 p.m.

Chemistry 11X—same as Chemistry 11, but offered second
 semester. Tues. and Thurs., 5.10 p.m. Laboratory: section N,
 Tues. and Thurs., 1.40 to 4.30 p.m.; section P, Tues. and Thurs.,
 6.30 to 9.20 p.m.

Chemistry 12X—same as Chemistry 12, but offered first
 semester. Section A, Tues. and Thurs., 10.10 a.m. Section B,

*Chemistry 11-12 constitutes an elementary course in General Chemistry. Students who have credit for high-school Chemistry from an accredited high school may be excused from Chemistry 11 and take Chemistry 21 or 21X following Chemistry 12 or 12X.

Tues. and Thurs., 5.10 p.m. Laboratory: section M, Mon. and Wed., 1.40 to 4.30 p.m.; section N, Tues. and Thurs., 1.40 to 4.30 p.m.; section P, Tues. and Thurs., 6.30 to 9.20 p.m.

Summer Sessions 1935 (4-4)—daily except Sat., 8.40 a.m. to 1.30 p.m., nine weeks' term (Knowles and assistant).

- 21 *Inorganic Qualitative Analysis* (4) Knowles and Assistants
Prerequisite: Chemistry 12. Section A, Mon. and Wed., 10.10 a.m. Section B, Mon., and Wed., 5.10 p.m. Laboratory: section M, Mon. and Wed., 1.40 to 4.30 p.m.; section N, Tues. and Thurs., 1.40 to 4.30 p.m.; section P, Tues. and Thurs., 6.30 to 9.20 p.m.

Chemistry 21x—same as Chemistry 21, but offered second semester. Section A, Tues. and Thurs., 10.10 a.m. Section B, Tues. and Thurs., 5.10 p.m. Laboratory: section M, Mon. and Wed., 1.40 to 4.30 p.m.; section N, Tues. and Thurs., 1.40 to 4.30 p.m.; section P, Tues. and Thurs., 6.30 to 9.20 p.m.

- †41-42 *Organic Chemistry* (4-4) Mackall and Assistants
Prerequisite: Chemistry 12. Section A, Tues. and Thurs., 10.10 a.m. Section B, Tues. and Thurs., 5.10 p.m. Laboratory: section M, Mon. and Wed., 1.40 to 4.30 p.m.; section N, Tues. and Thurs., 1.40 to 4.30 p.m.; section P, Tues. and Thurs., 6.30 to 9.20 p.m.

Summer Sessions 1935 (4-4)—daily except Sat., 8.40 a.m. to 1.30 p.m., nine weeks' term.

SECOND GROUP

- †111-12 *Physical Chemistry* (4-4)
Prerequisite: Chemistry 121; Mathematics 20; Physics 14. Section A, Tues. and Thurs., 11.10 a.m. Section B, Tues. and Thurs., 5.10 p.m. Laboratory: section N, Tues. and Thurs., 1.40 to 4.30 p.m.; section P, Tues. and Thurs., 6.30 to 9.20 p.m.

- 121-22 *Quantitative Inorganic Analysis* (4-4) Knowles and Assistant
Prerequisite: Chemistry 21. Section A, Fri., 11.10 a.m. Section B, Fri., 5.10 p.m. Laboratory: section M, Mon., Wed., and Fri., 1.40 to 4.30 p.m.; section O, Mon, Wed., and Fri., 6.30 to 9.20 p.m.

Chemistry 121x—same as Chemistry 121, but offered second semester. Wed., 5.10 p.m. Laboratory: section N, Tues., Thurs., and Fri., 1.40 to 4.30 p.m.; section P, Tues., Thurs., and Fri., 6.30 to 9.20 p.m.

- †131-32 *Inorganic Chemistry* (2-2) Howard
Prerequisite: Chemistry 21 and 42. Mon. and Wed., 5.10 p.m.

- †135-36 *Inorganic Chemistry* (2-2) Howard
Prerequisite: Chemistry 121. Laboratory: section P, Tues. and Thurs., 6.30 to 9.20 p.m.
- †41-42 *Organic Chemistry* (2-2) Mackall
Prerequisite: Chemistry 42. Mon. and Wed., 5.10 p.m.
- †45-46 *Organic Chemistry* (2-2) Mackall and Assistant
Prerequisite: Chemistry 42. Laboratory: section M, Wed. and Fri., 1.40 to 4.30 p.m.; section O, Wed. and Fri., 6.30 to 9.20 p.m.
- †191-92 *History of Chemistry* (1-1) Mackall
Prerequisite: Chemistry 42 and 121 (or concurrent registration for Chemistry 121). Fri., 5.10 p.m.

THIRD GROUP

- †203-4 *Contact Catalysis* (2-2) Emmett
Prerequisite: Chemistry 112. Tues. and Thurs., 5.10 p.m.
- †205-6 *Colloid and Surface Chemistry* (2-2)
Prerequisite: Chemistry 112. (Not offered in 1935-36.)
- 211 *General Thermodynamics* (2) Gibson
Prerequisite: Chemistry 112. Mon. and Wed., 5.10 p.m.
- 212 *Chemical Thermodynamics* (2) Gibson
Prerequisite: Chemistry 211. Mon. and Wed., 5.10 p.m.
- †213-14 *Atomic and Molecular Theory* (2-2)
Prerequisite: Chemistry 112. Tues. and Thurs., 5.10 p.m. (Not offered in 1935-36.)
- 215-16 *Theories of Solution* (2-2)
Prerequisite: Chemistry 112. (Not offered in 1935-36.)
- †223-24 *Qualitative Organic Analysis* (2-2) Mackall and Assistant
Prerequisite: Chemistry 21 and 42; reading knowledge of German. Laboratory: section M, Wed. and Fri., 1.40 to 4.30 p.m.; section O, Wed. and Fri., 6.30 to 9.20 p.m.
- 225 *Quantitative Organic Analysis* (2) Mackall and Assistant
Prerequisite: Chemistry 42 and 122. Laboratory: section M, Wed. and Fri., 1.40 to 4.30 p.m.; section O, Wed. and Fri., 6.30 to 9.20 p.m.
Chemistry 225x—same as Chemistry 225, but offered second semester. Laboratory: section M, Wed. and Fri., 1.40 to 4.30 p.m.; section O, Wed. and Fri., 6.30 to 9.20 p.m.
- 231-32 *Advanced Inorganic Chemistry* (2-2)
Prerequisite: Chemistry 42 and 122. (Not offered in 1935-36.)

- 241 *Carbohydrates* (2) Ambler
Prerequisite: Chemistry 42. Tues. and Thurs., 6.10 p.m.
- 242 *Polypeptides, Dyes, and Organic Medicinals* (2) Ambler
Prerequisite: Chemistry 42. Tues. and Thurs., 6.10 p.m.
- 295-96 *Research* (3-3) The Staff
Research and thesis for the Master's degree. Hours and fees
to be arranged.
Summer Sessions 1935 (3-3)—hours and fees to be arranged;
nine weeks' term.
- 297-98 *Research* The Staff
Hours, fees, and credits to be arranged.

CIVIL ENGINEERING

John Raymond Lapham, M.S., *Professor of Civil Engineering.*

Frank Artemas Hitchcock, M.S., C.E., *Professor of Civil Engineering,
Executive Officer.*

Charles Edward Cook, B.S. in C.E., *Assistant Professor of Civil En-
gineering.*

_____, *Instructor in Civil Engineering.*

Joseph Carl Oleinik, M.S., *Associate in Civil Engineering.*

Edgar Stover Walker, B.S. in C.E., *Associate in Civil Engineering.*

Minimum requirements for the major.—See page 141.

FIRST GROUP

- 1 *Surveying* (3) Cook, Walker
The principles, methods, and instruments used in surveying,
with field work. Prerequisite: Mathematics 12. Surveying fee,
\$6. Section A, Tues. and Thurs., 12.10 p.m. Section B, Mon.
and Fri., 6.10 p.m. Field work: section A, Tues., 1.40 p.m.;
section B, Sat., 1.40 p.m.

- 14 *Materials and Hydraulics Laboratory* (2) Cruikshanks
Determination of the properties of materials by mechanical
tests, and a study of the flow of fluids. Prerequisite: Civil En-
gineering 25, 132, and 134 (or concurrent registration for Civil
Engineering 132 and 134). Laboratory fee, \$6. Section A,
Wed. and Thurs., 1.40 p.m. Section B, Tues. and Thurs.,
7.30 p.m.

- 15-16 *Navigation* (2-2) Lapham
Theory and use of instruments of navigation. Prerequisite:
Trigonometry. (Not offered in 1935-36.)

- 25 *Materials of Construction* (3) Hitchcock
Nonmetallic materials, with emphasis on cement; metallic
materials, with emphasis on iron and steel. Prerequisite:
Chemistry 12 and 21 (or concurrent registration for Chemistry
21). Section A, Mon., Wed., and Fri., 9.10 a.m. Section B,
Mon., Wed., and Fri., 5.10 p.m.

- 41 *Graphic Statics* (3) Hitchcock
Fundamental principles; analyses of beams; determination of
stresses in roof trusses and framed bents. Prerequisite: Civil

Engineering 131 (or concurrent registration therefor). Drafting-room fee, \$1. Section A, Tues. and Thurs., 11.10 a.m., and Wed., 1.40 p.m. Section B, Tues. and Thurs., 6.10 p.m., and Thurs., 7.30 p.m.

42 *Bridge Stresses* (3)

Hitchcock

Determination of stresses in modern types of bridge trusses. Prerequisite: Civil Engineering 41 and 132 (or concurrent registration for Civil Engineering 132). Drafting-room fee, \$1. Section A, Tues. and Thurs., 11.10 a.m., and Wed., 1.40 p.m. Section B, Tues. and Thurs., 6.10 p.m., and Thurs., 7.30 p.m.

43-44 *Elements of Structures* (3-3)

Hitchcock

Primarily for architectural students. Graphic statics; analyses of beams, columns, and roof trusses; and the design and detailing of simple trusses. Prerequisite: Mathematics 12 and 19. Drafting-room fee, \$1 a semester. Wed. and Fri., 6.10 p.m., and Tues., 7.30 p.m.

61-62 *Highways and Pavements* (2-2)

Cook

Highway economics, location, construction, and maintenance. Prerequisite: Civil Engineering 25 and 71 (or concurrent registration therefor). Tues. and Thurs., 6.10 p.m.

71-72 *Railroad Engineering* (3-3)

Cook, Walker

Railroad curves and earthwork, and methods of location and construction of railway lines, with field work. Prerequisite: Civil Engineering 1. Surveying fee, \$3 a semester. Section A, Tues. and Thurs., 10.10 a.m. Section B, Tues. and Thurs., 5.10 p.m. Field work: section A, Sat., 9.10 a.m.; section B, Sat., 1.40 p.m.

SECOND GROUP

101 *Higher Surveying* (4)

Cook, Walker

The elements of geodesy, triangulation, topography, hydrography, and precise and trigonometric leveling, with field work. Prerequisite: Civil Engineering 1. Surveying fee, \$6. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m. Field work Sat., hours to be arranged.

130 *Analytical Mechanics and Statics* (2)

Ennis

Prerequisite: Mathematics 20; Physics 12 and 13. Section A, Tues. and Thurs., 10.10 a.m. Section B, Tues. and Thurs., 5.10 p.m.

131 *Analytical Mechanics, Kinematics, and Kinetics* (3)

Ennis

Prerequisite: Civil Engineering 130. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.

- 132 Elasticity and Resistance of Materials (3)** Ennis
Tension, compression, shear, and torsion; deflection; combined and working stresses. Prerequisite: Civil Engineering 25 and 131. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.
- 134 Hydraulics (3)** Lapham
Prerequisite: Mathematics 20. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.
- 145-46 Higher Structures (3-3)** Hitchcock
Determination of the positions of loading and stresses in the more complicated structures. Prerequisite: Civil Engineering 42. Mon., Wed., and Fri., 5.10 p.m.
- 147-48 Structural Design (2-2)** Hitchcock
Computations and drawings for the design of steel structures. Prerequisite: Civil Engineering 42. Drafting-room fee, \$3 a semester. Tues. and Thurs., 7.30 p.m.
- 149-50 Concrete and Masonry Construction (3-3)** Hitchcock, Oleinik
Plain concrete; general properties and theory of reinforced concrete; foundations and retaining walls. Prerequisite: Civil Engineering 25 and 132. Laboratory fee, \$6 first semester; drafting-room fee, \$1 second semester. Tues. and Thurs., 5.10 p.m., and Mon., 7.30 p.m.
- 181-82 Water Supply and Sewerage (3-3)** Lapham
Collection, storage, purification, and distribution of water; sewerage systems and treatment of sewerage. Prerequisite: Chemistry 12 and 21; Civil Engineering 134. Drafting-room fee, \$1 second semester. First semester, Mon., Wed., and Fri., 6.10 p.m.; second semester, Mon. and Fri., 6.10 p.m., and Wed., 7.30 p.m.

CLASSICAL LANGUAGES AND LITERATURES

Lester Kruger Born, Ph.D., *Assistant Professor of Classical Languages*,
Executive Officer.

Minimum requirements for the major.—Twenty-four semester-hours of Latin reading courses (exclusive of Latin 1-2 and 3-4); English 95-96 or History 23-24; Latin 113-14; and Greek 1-2. The acquisition, before the senior year, of a reading knowledge of German and of either French or Italian is highly desirable; for third-group and independent-study work it is prerequisite.

GREEK

FIRST GROUP

†1-2 *First-Year Greek* (3-3)

The essentials of Greek grammar; translation of selections from Xenophon's *Anabasis* or Herodotus' *Histories*. Mon., Wed., and Fri., 11.10 a.m.

3-4 *Homer; Herodotus or Lysias* (3-3)

Prerequisite: Greek 2. (Not offered in 1935-36.)

25-26 *Plato; Euripides* (3-3)

Selected dialogues of Plato; selected plays of Euripides. Prerequisite: Greek 4. (Not offered in 1935-36.)

SECOND GROUP

151-52 *Attic Orators; Thucydides* (3-3)

Selections from the Attic orators except Demosthenes; selections from the *Peloponnesian War* of Thucydides. (Not offered in 1935-36.)

161-62 *Theocritus; Plutarch or Lucian* (3-3)

Selected *Idylls* of Theocritus, with some discussion of Alexandrian poetry; selections from the *Moralia* of Plutarch or the *Dialogues* of Lucian. (Not offered in 1935-36.)

171-72 *Sophocles; Aeschylus* (3-3)

Selected plays of Sophocles and Aeschylus. (Not offered in 1935-36.)

LATIN

FIRST GROUP

†1-2 *First-Year Latin* (3-3)

The essentials of Latin grammar; translation of selections from

Caesar's *Gallie War* or something similar. Mon., Wed., and Fri., 4.10 p.m.

3-4 *Second-Year Latin* (3-3)

Selections from Cicero's *Orations* and from Vergil's *Aeneid*; continued practice in grammar. Prerequisite: Latin 2. Tues., Thurs., and Sat., 5.10 p.m.

25-26 *Selections from Latin Prose and Poetry* (3-3)

Born

Prerequisite: four years of high-school Latin. Mon., Wed., and Fri., 9.10 a.m.

31-32 *Cicero and Pliny; Horace (or Martial) and Catullus* (3-3)

Born

Selections from the *Epistles* of Cicero and of Pliny; from the *Odes* and *Epodes* of Horace (or the *Epigrams* of Martial); and from the poems of Catullus. Mon., Wed., and Fri., 10.10 a.m.

SECOND GROUP

105-6 *Tacitus and Suetonius (or Livy); Plautus and Terence* (3-3)
(Not offered in 1935-36.)

109-10 *Petronius and Apuleius; Juvenal; Roman Elegy* (3-3) Born
The *Cena Trimalchionis* of Petronius and the "Cupid and Psyche" from the *Metamorphoses* of Apuleius; some discussion of the Roman novel; selected satires of Juvenal; selected elegies of Catullus, Tibullus, Propertius, and Ovid; some discussion of the literary problems involved. Mon., Wed., and Fri., 2.40 p.m.

†113-14 *Elementary Prose Composition* (1-1) Born
Prerequisite: four years of high-school Latin. Hours to be arranged.

117-18 *Advanced Prose Composition* (1-1)
Prerequisite: Latin 114 or the permission of the instructor.
(Not offered in 1935-36.)

119-20 *Reading at Sight* (1-1)
Hours to be arranged.

121 *Medieval or Renaissance Latin* (3) Born
Prerequisite: four years of high-school Latin and the permission of the instructor. (Not offered in 1935-36.)

151-52 *Roman Philosophical Writers* (3-3)
Selections from Lucretius' *De Rerum Natura*; Cicero's *Tusculanae Disputationes* and Seneca's *Epistulae Morales*. (Not offered in 1935-36.)

161-62 *Latin Literature of the Empire: Prose and Poetry* (3-3)
Selections from the leading authors, or intensive reading of one author each semester. (Not offered in 1935-36.)

- 171 *Vergil* (3)
The *Georgics* and the *Bucolics* of Vergil, with some discussion of the sources and the problems involved. (Not offered in 1935-36.)
- 172 *Patristic Latin* (3)
Selections from the works of one or more of the following early Church Fathers: Tertullian, Jerome, Ambrose, and Augustine, with some discussion of the relation between Christian and non-Christian writings. (Not offered in 1935-36.)
- 181 *Latin Epigraphy* (3)
Reading of selected Latin inscriptions, with discussion of the information and problems presented. (Not offered in 1935-36.)
- 182 *Roman Private Life* (3)
Lectures, readings, and frequent papers on topics intended to acquaint the student with social customs, home life, and private rights of the Romans. (Not offered in 1935-36.)

THIRD GROUP

- 205-6 *Proseminar* (3-3) Born
Primarily for first-year graduate students and advanced undergraduates. Introduction to the tools and methods of research: bibliography, textual criticism, interpretation, and the ideals of classical scholarship. The subject for 1935-36 will be Catullus. Hours to be arranged.
- 215-16 *Seminar* (3-3) Born
(Not offered in 1935-36.)
- 225-26 *Prose Composition* (1-1) Born
The writing of original essays in Latin with attention to the appropriate styles; some theoretical study of Latin style. Prerequisite: Latin 117-18 and the permission of the instructor. (Not offered in 1935-36.)

RELATED COURSES IN OTHER DEPARTMENTS

English 95-96, *Greek and Roman Literature in English Translation*.

DERMATOLOGY AND SYPHILOLOGY

Charles Augustus Simpson, M.D., *Professor of Dermatology and Syphilology, Executive Officer.*

Harry Ford Anderson, M.D., *Associate Professor of Dermatology and Syphilology.*

Herman Eugene Kittredge, M.D., *Clinical Instructor in Dermatology and Syphilology.*

George William Creswell, A.B., M.D., *Clinical Instructor in Dermatology and Syphilology.*

Theodore Claremont Chen Fong, M.D., *Clinical Instructor in Dermatology and Syphilology.*

Russell Joseph Fields, B.S., M.D., *Clinical Instructor in Dermatology and Syphilology.*

386 *Clinic*

The Staff

Children's Hospital, one section, one hour a week for five weeks;
Emergency Hospital, one section, one and one-half hours twice
a week; University Hospital, one section, one hour a week.

387 *Dermatology and Syphilology*

Simpson

Didactic lectures and demonstration of the most common skin
diseases in all their manifestations, and general and cutaneous
syphilis, with special emphasis on its treatment. Two hours a
week.

388 *Congenital Syphilis*

Simpson

Lectures and demonstration of eye, bone, teeth, and skin changes
caused by congenital syphilis, with its treatment. One hour a
week for eight weeks.

389-90 *Neurosyphilis*

Fong

Didactic lectures on the subject of syphilis of the brain and spinal
cord, with special emphasis on paresis and tabes, and including
treatment. Venereal therapy is also thoroughly discussed. One
hour a week for eight weeks.

477-78 *Neurosyphilis*

Fong

The clinical application of Dermatology and Syphilology 389-
90. St. Elizabeth's Hospital, one hour a week for six weeks.

479 80 *Syphilis, Including Congenital Syphilis*

Fields

Gallinger Hospital, two hours a week.

ECONOMICS

John Donaldson, Ph.D., *Professor of Political Economy.*

Wilson Martindale Compton, LL.B., Ph.D., LL.D., *Professorial Lecturer in Economics.*

Harold Griffith Sutton, M.S., *Associate Professor of Finance.*

Arthur Edward Burns, A.M., *Assistant Professor of Economics, Executive Officer.*

_____, *Assistant Professor of Economics.*
Donald Stevenson Watson, A.M., *Instructor in Economics.*

Minimum requirements for the major.—Economics 1-2, 105, and 109-10; History 108 and 145; and fifteen additional semester-hours selected from Economics 110, 120, 123, 124, 125, 126, 141-42, 165-66, 167-68, 175-76, 181-82, 183-84, and 185-86. Twelve semester-hours of electives must be taken in at least two of the following departments: Business Administration, Philosophy, and Political Science.

FIRST GROUP

1-2 *Economic Institutions* (3-3)

Sections A to F, Tues. and Thurs., 10.10 a.m. Sections H to K, Tues. and Thurs., 5.10 p.m. Discussion: section A, Sat., 11.10 a.m.; section B, Sat., 10.10 a.m.; section C, Fri., 10.10 a.m.; section D, Fri., 11.10 a.m.; section E, Sat., 10.10 a.m.; section F, Sat., 10.10 a.m.; section H, Fri., 5.10 p.m.; section I, Sat., 5.10 p.m.; section J, Sat., 5.10 p.m.; section K, Sat., 6.10 p.m.

Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term (Sutton).

SECOND GROUP

105 *Economic Theory* (3)

Prerequisite: Economics 1-2. Mon., Wed., and Fri., 6.10 p.m. Burns and Staff

109-10 *Economic Geography* (3-3)

Section A, Mon., Wed., and Fri., 11.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m. Donaldson

119 *Money and Banking* (3)

Prerequisite: Economics 1-2. Section A, Tues., Thurs., and Sat., 11.10 a.m. Section B, Tues., Thurs., and Sat., 6.10 p.m. Sutton

120 *Banking Systems* (3)

Prerequisite: Economics 119. Section A, Tues., Thurs., and Sat., 11.10 a.m. Section B, Tues., Thurs., and Sat., 6.10 p.m. Sutton

- 123 *Public Finance* (3) Watson
Prerequisite: Economics 1-2. Hours to be arranged.
- 124 *Survey of Federal Fiscal Policies* (3) Watson
Prerequisite: Economics 123. Hours to be arranged.
- 125 *Money, Credit, Prices* (2) Sutton
Prerequisite: Economics 119. Hours to be arranged.
- 126 *International Banking and Exchange* (2) Sutton
Prerequisite: Economics 119. Tues. and Thurs., 5.10 p.m.
- 141-42 *The Labor Movement* (3-3) Watson
Prerequisite: Economics 1-2. Hours to be arranged.
- 165-66 *Types of Government Control of Economic Activity* (3-3) Watson
Prerequisite: Economics 105. Mon., Wed., and Fri., 6.10 p.m.
- 167-68 *Public Planning and Economic Security* (2-2)
Prerequisite: Economics 105. Hours to be arranged.
- 175 *Fluctuations in Economic Processes* (2) Burns
Prerequisite: Economics 105. Tues. and Thurs., 6.10 p.m.
- 176 *Advanced Economic Theory* (2) Burns
Tues. and Thurs., 6.10 p.m.
- 181-82 *International Economic Relations* (3-3) Donaldson
Prerequisite: Economics 1-2. Mon., Wed., and Fri., 10.10 a.m.
- 183-84 *Economic Problems of Hispanic America* (3-3) Corliss
Tues. and Thurs., 6.10 to 7.30 p.m.
- 185-86 *Economic Relations with Canada* (3-3) Donaldson
(Not offered in 1935-36.)

THIRD GROUP

- 205-6 *Proseminar: Current Economic Problems* (2-2) Burns
Hours to be arranged.
- 208 *Proseminar: Governmental Control and Industry Planning* (3) Compton
Hours to be arranged.
- 211-12 *Proseminar: Relationship of Government to Banking Policy* (2-2) Watson
Hours to be arranged.
- 215-16 *Proseminar: Labor Problems* (2-2) Watson
Hours to be arranged.
- 221-22 *History and Literature of Economic Thought* (3-3) Burns
Hours to be arranged.

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| 281-82 | <i>Seminar: International Economic Relations</i> (3-3) | Donaldson |
| | Wed., 8 p.m. | |
| 293-94 | <i>Seminar: Economic Theory and Policies</i> (3-3) | The Staff |
| | Hours to be arranged. | |

EDUCATION

- William Carl Ruediger, Ph.D., *Professor of Education.*
 William Cullen French, Ph.D., *Professor of Education, Executive Officer.*
 Anna Dorothea Halberg, A.M., *Visiting Professor of Education.*
 Frank Washington Ballou, Ph.D., *Adjunct Professor of Education.*
 J. Orin Powers, Ph.D., *Research Associate Professor of Education.*
 John Thomas Wahlquist, Ph.D., *Visiting Associate Professor of Education.*

Minimum requirements for the major.—Twenty-four semester-hours of Education in addition to Observation and Cadet Teaching.

SECOND GROUP

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| <p>114 <i>History of American Education</i> (2)
 Tues. and Thurs., 4.10 p.m.</p> <p>115 <i>Technique of Teaching</i> (3)
 Prerequisite: Educational Psychology. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 10.40 a.m., six weeks' term.</p> <p>116 <i>History and Principles of Education</i> (3)
 Prerequisite: Educational Psychology. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.</p> <p>119 <i>Philosophy of Education</i> (3)
 Prerequisite: Educational Psychology. Mon., Wed., and Fri., 6.10 p.m.</p> <p>124 <i>Character Education</i> (2)
 Prerequisite: Educational Psychology. Sat., 9.10 to 11 a.m.</p> <p>129 <i>Observation of Teaching</i> (3)
 Prerequisite: Educational Psychology. Hours to be arranged.</p> <p>130 <i>Cadet Teaching</i> (3)
 Prerequisite: Education 115, 116, and a course in special method.
 Hours to be arranged.</p> <p>143 <i>Teaching Reading</i> (2)
 Summer Sessions 1935—daily except Sat., 8.40 a.m., six weeks' term.</p> | <p>French</p> <p>Ruediger</p> <p>Ruediger</p> <p>Ruediger</p> <p>The Staff</p> <p>The Staff</p> <p>French</p> |
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- 146 *The Social Studies* (2) French
 Historical setting, content, and method. Prerequisite: History and Principles of Education. Tues. and Thurs., 5.10 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 10.40 a.m., six weeks' term.
- 147 *Psychology of Elementary-School Subjects* (2) French
 Prerequisite: Educational Psychology. Thurs., 7.30 to 9.20 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 11.40 a.m., six weeks' term (Halberg).
- 149 *Curriculum Construction* (2) French
 Prerequisite: History and Philosophy of Education. Tues. and Thurs., 5.10 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 9.40 a.m., six weeks' term (Halberg).
- 151 *The High School* (2)
 Prerequisite: Education 115 and 116. Section A, Tues. and Thurs., 11.10 a.m. Section B, Tues. and Thurs., 5.10 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 8.40 a.m., six weeks' term (Wahlquist).
- 152 *The Junior High School* (2)
 Prerequisite: Education 115 and 116. Section A, Tues. and Thurs., 11.10 a.m. Section B, Tues. and Thurs., 5.10 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 7.40 a.m., six weeks' term (Wahlquist).
- 156 *Extracurricular Activities* (2)
 Prerequisite: Education 151 or 152. Sat., 9.10 to 11 a.m.
- 185 *School Administration* (3)
 Prerequisite: twelve semester-hours in Education. Mon., Wed., and Fri., 5.10 p.m.
- 188 *School Supervision* (3)
 Prerequisite: twelve semester-hours in Education. Mon., Wed., and Fri., 5.10 p.m.

THIRD GROUP*

- 213-14 *Seminar: Educational Origins* (3-3) French
 Historical research in American Education. Tues., 7.30 to 9.20 p.m.
 Summer Sessions 1935 (3)—daily except Sat., 11.40 a.m., six weeks' term.

*The prerequisite for each third-group course is the completion of the appropriate undergraduate work.

- 219 *Seminar: Philosophy of Education* (3) Ruediger
Summer Sessions 1935—daily except Sat., 9.40 a.m., six
weeks' term.
- 247-48 *Seminar: Elementary Education* (3-3) French
(Not offered in 1935-36.)
- 249-50 *Seminar: Curriculum* (3-3) French
Sat., 11.10 a.m. to 1 p.m.
- 257-58 *Seminar: Secondary Education* (3-3)
Problems in administration and supervision. Tues. and Thurs.,
6.10 p.m.
Summer Sessions 1935 (3)—daily except Sat., 10.40 a.m., six
weeks' term (Wahlquist).
- 279-80 *Seminar: Teacher Education* (3-3) Ruediger
Special reference to European practice. Tues. and Thurs., 5.10
p.m.
- 283-84 *Research Problems* (3-3) Ballou
Investigations in public-school education. Admission by per-
mission of the instructor. Hours to be arranged.
- 285-86 *Seminar: School Administration* (3-3)
(Not offered in 1935-36.)
- 291-92 *Thesis* (3-3) The Staff
The techniques of research. Students working on Master's
theses will register for this course. First meeting, Wed., October
2, at 7.30 p.m., in room D-11.
Summer Sessions 1935 (3-3)—first meeting, Fri., July 5,
at 3.10 p.m., in room D-23.

SPECIAL METHOD COURSES

- Biology 172, *Teaching of Science*.
English 173, *Teaching of English*.
History 157, *Teaching of History*.
Home Economics 125, *Teaching of Home Economics*.
Mathematics 104, *Teaching of Secondary-School Mathematics*.
Physical Education for Men 113, *Administration and Supervision
of Health Education*.
Physical Education for Women 105, *School Health Administration*.
Romance Languages 176, *Teaching of Romance Languages*.

RELATED COURSES IN OTHER DEPARTMENTS

- Psychology 22, *Educational Psychology*.
Psychology 121, *Educational Psychology*.

Psychology 123, *Psychology of Character.*

Psychology 129, *Educational and Vocational Guidance.*

Psychology 221-22, *Seminar: Educational Psychology.*

Statistics 102, *Applied Statistics.*

ELECTRICAL ENGINEERING

Norman Bruce Ames, B.S., E.E., LL.B., *Professor of Electrical Engineering, Executive Officer.*

Alfred Ennis, M.S. in E.E., *Assistant Professor of Electrical Engineering.*

Minimum requirements for the major.—See page 142.

FIRST GROUP

- 9-10 *Elements of Direct and Alternating Currents and Machinery* (3-3) Ames
 Prerequisite: Mathematics 20 (or concurrent registration therefor); Physics 12. Section A, Mon., Wed., and Fri., 11.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m.
- 13-14 *Direct- and Alternating-Current Laboratory* (2-2) Ames, Ennis
 For students not majoring in Electrical Engineering. Prerequisite: Electrical Engineering 10. Laboratory fee, \$6 a semester. Section A, Mon., 1.40 p.m. Section B, Fri., 1.40 p.m. Section C, Mon., 7.30 p.m. Section D, Fri., 7.30 p.m.
- 17-18 *Direct-Current Laboratory* (2-2) Ames, Ennis
 Prerequisite: Electrical Engineering 9-10. Laboratory fee, \$6 a semester. Section A, Mon., 1.40 p.m. Section B, Fri., 1.40 p.m. Section C, Mon., 7.30 p.m. Section D, Fri., 7.30 p.m.

SECOND GROUP

- 101 *Electric Circuits* (3) Ennis
 Prerequisite: Electrical Engineering 10. Mon., Wed., and Fri., 6.10 p.m.
- 102 *Alternating-Current Machinery* (3) Ennis
 Prerequisite: Electrical Engineering 101. Mon., Wed., and Fri., 6.10 p.m.
- 103 *Alternating-Current Machinery* (3) Ames
 A continuation of Electrical Engineering 102. Mon., Wed., and Fri., 5.10 p.m.
- 125-26 *Principles of Electric Power Transmission* (2-2) Ennis
 Prerequisite: Electrical Engineering 101. Tues. and Thurs., 6.10 p.m.
- 133-34 *Alternating-Current Laboratory* (2-2) Ames, Ennis
 Prerequisite: Electrical Engineering 18 and 103. Laboratory

fee, \$6 a semester. Section A, Mon., 1.40 p.m. Section B, Fri., 1.40 p.m. Section C, Mon., 7.30 p.m. Section D, Fri., 7.30 p.m.

- 136 *Hydro-electric Engineering* (2) Ames
Prerequisite: Civil Engineering 134; Electrical Engineering 10. Tues. and Thurs., 5.10 p.m.

- 137 *Electric Traction* (2) Ames
Prerequisite: Electrical Engineering 10. Tues. and Thurs., 5.10 p.m.

- 140 *Electrical Design* (3) Ames
Prerequisite: Electrical Engineering 103. Drafting-room fee, \$1. Mon. and Fri., 5.10 p.m., and Wed., 7.30 p.m.

- 141 *Electronics* (3)
Prerequisite: Electrical Engineering 101. Laboratory fee, \$6. Mon. and Fri., 6.10 p.m.; laboratory Mon. or Fri., 7.30 p.m.

- 142 *Communications* (3)
Prerequisite: Electrical Engineering 141 or Physics 133. Laboratory fee, \$6. Mon. and Fri., 6.10 p.m.; laboratory Mon. or Fri., 7.30 p.m.

ENGLISH

- DeWitt Clinton Croissant, Ph.D. *Professor of English, Executive Officer.*
 Robert Whitney Bolwell, Ph.D., *Professor of American Literature.*
 Joseph Quincy Adams, Ph.D., Litt.D., *Adjunct Professor of English.*
 Anna Pearl Cooper, A.M., *Associate Professor of English.*
 Courtland Darke Baker, A.M., *Associate Professor of English.*
 Marvin Theodore Herrick, Ph.D., *Associate Professor of English.*
 Audley Lawrence Smith, A.M., *Assistant Professor of English.*
 Douglas Bement, A.M., LL.B., *Assistant Professor of English.*
 Ernest Sewall Shepard, A.M., *Assistant Professor of English.*
 Martha Gibbon, A.M., *Assistant Professor of English.*
 *George Winchester Stone, Jr., A.M., *Assistant Professor of English.*
 Fred Everett Nessell, A.B., *Lecturer in English.*
 John James Elson, Ph.D., *Instructor in English.*
 Douglas Emory Wilson, A.M., *Instructor in English.*
 _____, *Instructor in English.*

Minimum requirements for the major.—English 1-2, 51-52, and four additional courses in literature, three of which are selected from 129-30, 139-40, 141-42, 151-52, 161-62, and 171-72.

FIRST GROUP

- 1-2 *English Rhetoric* (3-3) Bement and Staff
 Sections A and B, Mon., Wed., and Fri., 9.10 a.m. Sections C and D, Tues., Thurs., and Sat., 9.10 a.m. Sections E and F, Mon., Wed., and Fri., 10.10 a.m. Sections G and H, Tues., Thurs., and Sat., 10.10 a.m. Sections I and J, Mon., Wed., and Fri., 11.10 a.m. Sections K and L, Tues., Thurs., and Sat., 11.10 a.m. Section N, Mon., Wed., and Fri., 5.10 p.m. Sections O, P, and Q, Tues., Thurs., and Sat., 5.10 p.m. Sections R, S, T, U, and V, Mon., Wed., and Fri., 6.10 p.m. Sections W, X, and Y, Tues., Thurs., and Sat., 6.10 p.m.
 Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term.
- 3-4 *English Grammar and Composition* (3-3) Gibbon
 A course for foreign students, taken only by assignment of the Adviser to Foreign Students. Tues., Thurs., and Sat., 9.10 a.m.

* On leave 1935-36.

- 9-10 *English Composition* (3-3) Bement, Gibbon
Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Tues.,
Thurs., and Sat., 11.10 a.m. Section C, Mon., Wed., and Fri.,
5.10 p.m.
- 51-52 *Survey of English Literature* (3-3) Herrick and Staff
Section A, Tues., Thurs., and Sat., 10.10 a.m. Section B, Tues.,
Thurs., and Sat., 5.10 p.m.
Summer Sessions 1935 (3-3)—English 51, daily except Sat.,
6.10 p.m.; English 52, daily except Sat., 5.10 p.m.; nine weeks'
term (Baker, Smith).
- 91-92 *Types of European Literature* (3-3) Shepard and Staff
Section A, Tues., Thurs., and Sat., 11.10 a.m. Section B, Tues.,
Thurs., and Sat., 6.10 p.m.
- 95-96 *Greek and Roman Literature in English Translation* (3-3) Bort
Prerequisite: the recommendation of the major department and
the permission of the instructor. Mon., Wed., and Fri., 5.10 p.m.

SECOND GROUP

- †115-16 *The Short Story* (3-3) Bement
Admission by permission of the instructor after submission of
a specimen of original composition. Tues., Thurs., and Sat.,
5.10 p.m.
- 117-18 *Creative Writing* (3-3) Bement
Admission by permission of the instructor after submission of
a specimen of original composition. Wed., 8.30 p.m.
- †123-24 *History of the English Language* (3-3) Croissant
Tues., Thurs., and Sat., 5.10 p.m.
- 127-28 *The Age of Chaucer* (3-3) Stone
Prerequisite: English 51-52 or 91-92. (Not offered in 1935-36.)
- 129-30 *Renaissance and Elizabethan Literature* (3-3) Cooper
Prerequisite: English 51-52 or 91-92. Mon., Wed., and Fri.,
5.10 p.m.
- 138 *Spenser and Milton* (3) Baker
Summer Sessions 1935—daily except Sat., 5.10 p.m., nine
weeks' term.
- 139-40 *Seventeenth-Century Literature* (3-3) Baker
Prerequisite: English 51-52 or 91-92. Mon., Wed., and Fri.,
9.10 a.m.
- 141-42 *The Neoclassical Movement* (3-3) Croissant
Prerequisite: English 51-52 or 91-92. Tues., Thurs., and Sat.,
11.10 a.m.

- 145 *Dr. Johnson and His Circle* (2) Smith
Summer Sessions 1935—daily except Sat., 9.40 a.m., six weeks' term.
- 151-52 *The Romantic Movement* (3-3) Smith
Prerequisite: English 51-52 or 91-92. Tues., Thurs., and Sat., 6.10 p.m.
Summer Sessions 1935 (3)—English 152, daily except Sat., 6.10 p.m., nine weeks' term.
- 161-62 *Victorian Literature* (3-3) Shepard
Prerequisite: English 51-52 or 91-92. Tues., Thurs., and Sat., 5.10 p.m.
- 165-66 *Contemporary Literature* (3-3) Baker
Prerequisite: English 51-52 or 91-92. Mon., Wed., and Fri., 10.10 a.m.
- 171-72 *Survey of American Literature* (3-3) Bolwell
Not open to graduate students. Prerequisite: English 51-52. Mon., Wed., and Fri., 6.10 p.m.
- 173 *Teaching of English* (2) French
Prerequisite: Education 115 and eighteen semester-hours of English. Tues. and Thurs., 4.10 p.m.
- 175 *The American Drama* (3) Bolwell
Summer Sessions 1935—daily except Sat., 5.10 p.m., nine weeks' term.
- 176 *The American Novel* (3) Bolwell
Prerequisite: English 51-52 or 91-92. (Not offered in 1935-36.)
- 181-82 *The English Novel* (3-3) Cooper
Prerequisite: English 51-52 or 91-92. Mon., Wed., and Fri., 11.10 a.m.
- 183 *The English Drama before 1642* (3) Elson
Prerequisite: English 51-52 or 91-92. Tues., Thurs., and Sat., 10.10 a.m.
- 184 *The English Drama since 1660* (3) Croissant
Prerequisite: English 51-52 or 91-92. Tues., Thurs., and Sat., 10.10 a.m.
- 185 *Fiction since 1800* (2) Bement
Summer Sessions 1935—daily except Sat., 10.40 a.m., six weeks' term.
- 193 *An Introduction to the Study of Poetry* (2) Baker
Summer Sessions 1935—daily except Sat., 8.40 a.m., six weeks' term.

- 195-96 *History of English Literary Criticism* (3-3) Herrick
 Prerequisite: English 51-52 or 91-92. Tues., Thurs., and Sat.
 9.10 a.m.

THIRD GROUP

- 201-2 *Methods and Materials in Elizabethan Research* (3-3) Adams
 Open only to graduate students. Admission by permission of
 the instructor. Wed., 7.30 p.m.
- †229-30 *Seminar: Elizabethan Criticism* (3-3) Cooper
 Prerequisite: English 129-30. Hours to be arranged.
- †239-40 *Studies in Early Seventeenth-Century Literature* (3-3) Baker
 Prerequisite: English 139-40. (Not offered in 1935-36.)
- †241-42 *Studies in Neoclassical Literature* (3-3) Croissant
 Prerequisite: English 141 or 142. (Not offered in 1935-36.)
- †251-52 *Studies in the Romantic Movement* (3-3) Smith
 Prerequisite: English 151-52. Hours to be arranged.
- 269-70 *Proseminar: Early American Literature* (3-3) Bolwell
 (Not offered in 1935-36.)
- †271-72 *Studies in American Literature* (3-3) Bolwell
 Fri., 8 p.m.

RELATED COURSES IN OTHER DEPARTMENTS

German 125-26, *Anglo-Saxon Grammar and Literature.*

EXPERIMENTAL MEDICINE

Edward Bright Vedder, A.M., M.D., Sc.D., *Professor of Experimental Medicine, Executive Officer.*

216 *Clinical Microscopy* Vedder
Lectures and laboratory work covering aspects of diagnosis, including the study of urinalysis, blood-counting, blood diseases, feces, spinal fluids, Wassermanns, and parasitology. Laboratory three hours a week for sixteen weeks; lectures one hour a week for sixteen weeks.

320 *Tropical Medicine (elective)* Vedder
This course consists of didactic lectures and demonstrations of the more common tropical diseases, with emphasis on their practical application to general medical practice. One hour a week.

401-2 *Problems and Methods in Experimental Medicine* Vedder
Hours and credits to be arranged.

GEOLOGY

Ray Smith Bassler, Ph.D., *Professor of Geology, Executive Officer*
 Thomas Fredrik Weybye Barth, Ph.D., *Lecturer in Geology.*

Minimum requirements for the major.—Twenty-four semester-hours of Geology beyond the introductory course.

FIRST GROUP

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| 5 | <i>Field Geology</i> (4) | Bassler |
| | Summer Sessions 1935—daily except Sat., 5.10 to 7 p.m.; field work Sat. afternoon; six weeks' term. | field |
| 21-22 | <i>Physical and Historical Geology</i> (3-3) | Bassler |
| | Mon., Wed., and Fri., 6.10 p.m.; field work, hours to be arranged. | to be ar- |

SECOND GROUP

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|---------|--|---------|
| †121-12 | <i>Paleontology</i> (3-3) | Bassler |
| | Wed., 7.10 to 9.30 p.m.; other hours to be arranged. | |
| 123-24 | <i>Regional Geology of North and South America</i> (3-3) | Bassler |
| | Mon., 7.10 to 9.30 p.m.; other hours to be arranged. | |
| 125-26 | <i>Regional Geology of the Eastern Hemisphere</i> (3-3) | Bassler |
| | (Not offered in 1935-36.) | |
| †127-28 | <i>Stratigraphic Geology</i> (3-3) | Bassler |
| | (Not offered in 1935-36.) | |

THIRD GROUP

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| 211-12 | <i>Seminar</i> | Barth |
| | Hours and credits to be arranged. | |
| 215-16 | <i>Seminar</i> | Bassler |
| | Hours and credits to be arranged. | |
| | Summer Sessions 1935 (3)—Geology 215, hours to be arranged; six weeks' term. | |
| 217-18 | <i>Research</i> | Bassler |
| | Hours and credits to be arranged. | |

GERMANIC LANGUAGES AND LITERATURES

Edward Henry Sehrt, Ph.D., *Professor of German, Executive Officer.*

Gretchen Louisa Rogers, A.M., *Instructor in German.*

John George Mutziger, A.M., *Associate in German.*

Minimum requirements for the major.—Twenty-four semester-hours of German, exclusive of first-group courses.

FIRST GROUP

†1-2 *First-Year German* (3-3) Rogers, Mutziger
Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Tues.,
Thurs., and Sat., 9.10 a.m. Section C, Mon., Wed., and Fri.,
5.10 p.m. Section D, Mon., Wed., and Fri., 6.10 p.m. Section
E, Mon., Wed., and Fri., 9.10 a.m.
Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to
8 p.m., nine weeks' term (Rogers).

†5-6 *Second-Year German* (3-3) Rogers, Mutziger
Prerequisite: German 1-2. Section A, Mon., Wed., and Fri.,
10.10 a.m. Section B, Mon., Wed., and Fri., 11.10 a.m. Section C,
Tues., Thurs., and Sat., 5.10 p.m.
Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to
8 p.m., nine weeks' term (Sehrt).

SECOND GROUP*

†101-2 *Goethe's "Faust"* (3-3) Sehrt
Hours to be arranged.

†105-6 *German Classicism* (3-3) Sehrt
Particularly the works of Goethe and Schiller. Mon., Wed.,
and Fri., 5.10 p.m.

†109-10 *German Drama since 1800* (3-3) Sehrt
Dramas of Kleist, Grillparzer, Hebbel, and Hauptmann. Hours
to be arranged.

†111-12 *The German Romantic Movement* (3-3) Sehrt
Hours to be arranged.

†119-20 *Survey of German Literature* (3-3) Sehrt
Hours to be arranged.

* Not more than two courses from the second and third groups will be given in 1935-36.

- †125-26 *Anglo-Saxon Grammar and Literature* (3-3)
Mon., Wed., and Fri., 4.10 p.m.

Sehrt

THIRD GROUP*

- †201-2 *Middle High German* (3-3)
Hours to be arranged.

Sehrt

- †205-6 *Gothic* (3-3)
Hours to be arranged.

Sehrt

- †209-10 *Old High German* (3-3)
Hours to be arranged.

Sehrt

- 213-14 *Old Norse* (3-3)
Hours to be arranged.

Sehrt

- 221 *Introduction to Linguistics*

Sehrt

Admission by permission of the instructor. Hours and credits to be arranged.

- 222 *Indo-European Languages*

Sehrt

Application of the laws of sound change in language; origin and development of suffixes and inflections; syntax. Hours and credits to be arranged.

- †223-24 *Sanskrit* (3-3)
Hours to be arranged.

Sehrt

* Not more than two courses from the second and third groups will be given in 1935-36.

HEALTH ADMINISTRATION

- Daniel LeRay Borden, A.M., M.D., *University Surgeon, Director.*
Frank Adelbert Hornaday, M.S., M.D., *University Physician.*
Harry Arnold Hull McNitt, A.M., M.D., *Associate University Physician.*
Robert Howe Harmon, A.B., M.D., *Associate University Physician.*
Katharine Antoinette Chapman, A.B., M.D., *Associate University Physician.*
Francis George Speidel, M.D., *Associate University Physician.*
Jeter Carroll Bradley, M.D., *Associate University Physician.*
Mervin Wilbur Glover, M.D., *Associate University Physician.*

The payment of the University fee entitles students to health services herein after described. Through reports from the students and University officials, the University attempts to keep informed as to all cases of illness among its students.

Medical privileges include: (1) the physical examination of all students entering from secondary schools; (2) three visits by the University physician or surgeon, office or home, in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school term—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not include treatment for illness or disability incurred previous to the University term or prior to payment of the University registration fee.

Students are allowed, if they so desire, to engage physicians and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) students who have severed their connection with the University are ineligible for medical benefits; (4) students intending to train for athletic teams are required to pass a careful examination at the beginning of each semester; (5) the above regulations apply during the Summer Sessions of the University.

HISTORY

George Morton Churchill, Ph.D., *Professor of History.*

Elmer Louis Kayser, Ph.D., *Professor of History.*

George Howland Cox, *Adjunct Professor of Current Hispanic-American Affairs.*

Alva Curtis Wilgus, Ph.D., *Associate Professor of Hispanic-American History.*

Lowell Joseph Ragatz, Ph.D., *Associate Professor of History, Executive Officer.*

Wood Gray, Ph.D., *Assistant Professor of History.*

Minimum requirements for the major.—First-group courses in Ancient and Medieval History, American History, and either Modern European or English History; and eighteen semester-hours of second- and third-group courses, including one proseminar. It is recommended that General Economics, International Law, and the History of Philosophy be included as collaterals.

FIRST GROUP

23-24 *Ancient and Medieval History* (3-3) Kayser
 Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Tues.,
 Thurs., and Sat., 5.10 p.m.
 Summer Sessions 1935 (3)—History 23, daily except Sat.,
 7.40 a.m., nine weeks' term.

37-38 *Modern European History* (3-3) Ragatz
 Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon.,
 Wed., and Fri., 5.10 p.m.
 Summer Sessions 1935 (3)—History 37, daily except Sat.,
 5.10 p.m., nine weeks' term.

41-42 *American History* (3-3) Gray
 Section A, Mon., Wed., and Fri., 11.10 a.m. Section B, Tues.,
 Thurs., and Sat., 6.10 p.m.
 Summer Sessions 1935 (3)—History 41, daily except Sat.,
 6.10 p.m., nine weeks' term (Churchill).

51-52 *English History* (3-3) Churchill
 Mon., Wed., and Fri., 6.10 p.m.

SECOND GROUP

105-6 *History of the Foreign Relations of the United States* (3-3)
 Prerequisite: History 37-38 or 41-42. Mon., Wed., and Fri.,
 6.10 p.m.

- 107 *Representative Americans: A Biographical Approach to National History* (3) Gray
Prerequisite: History 41-42. Tues., Thurs., and Sat., 9.10 a.m.
- 109-10 *Social History of the United States* (3-3) Gray
Prerequisite: History 41-42. Tues., Thurs., and Sat., 5.10 p.m.
- 121 *The Medieval Church* (3) Kayser
Prerequisite: History 24. Mon., Wed., and Fri., 9.10 a.m.
- 122 *The Holy Roman Empire* (3) Kayser
Prerequisite: History 24. Mon., Wed., and Fri., 9.10 a.m.
- 139 *The Civilization of the Later Middle Ages* (3) Kayser
(Not offered in 1935-36.)
- 140 *Intellectual Aspects of the Renaissance and Reformation* (2) Kayser
Summer Sessions 1935—daily except Sat., 8.40 a.m., six weeks' term.
- 143 *Modern Imperialism* (3) Ragatz
(Not offered in 1935-36.)
- 144 *History of Modern Russia* (3) Ragatz
(Not offered in 1935-36.)
- 145 *Economic History of Europe* (3) Ragatz
Prerequisite: History 37-38 or 51-52. Tues., Thurs., and Sat., 9.10 a.m.
- 146 *Economic History of the United States* (3) Gray
Prerequisite: History 41-42. Tues., Thurs., and Sat., 9.10 a.m.
- 147-48 *Europe since 1815* (3-3) Ragatz
(Not offered in 1935-36.)
- 150 *The World War and Its Aftermath* (3) Ragatz
(Not offered in 1935-36.)
- 151-52 *Current History* (1-1) Kayser
Sat., 11.10 a.m.
- 153-54 *English Constitutional History* (3-3) Churchill
Prerequisite: History 37-38, 41-42, or 51-52. Tues., Thurs., and Sat., 10.10 a.m.
- 155-56 *The Rise of Nationalism* (3-3) Kayser
(Not offered in 1935-36.)
- 157 *Teaching of History* (2) Wilgus
Mon. and Wed., 10.10 a.m.
- 158 *Contemporary Europe* (2) Ragatz
Summer Sessions 1935—daily except Sat., 6.10 p.m., six weeks' term.

- 160 *Modern France* (3) Ragatz
Prerequisite: History 37-38 or 51-52. Tues., Thurs., and Sat., 9.10 a.m.
- 161 *The British Empire* (3) Churchill
Prerequisite: History 37-38 or 51-52. Mon., Wed., and Fri., 5.10 p.m.
- 162 *History of Canada* (2) Churchill
Summer Sessions 1935—daily except Sat., 7.10 p.m., six weeks' term.
- 164 *Economic and Social History of Great Britain* (3) Churchill
Prerequisite: History 37-38 or 51-52. Mon., Wed., and Fri., 5.10 p.m.
- 173-74 *History and Civilization of the Iberian Peninsula* (3-3) Wilgus
Prerequisite: History 23-24 or 37-38. Mon., Wed., and Fri., 11.10 a.m.
- 175 *The Civilization of Colonial Hispanic America* (3) Wilgus
Prerequisite: History 37-38 or 41-42. Mon., Wed., and Fri., 5.10 p.m.
- 176 *The Civilization of Modern Hispanic America* (3) Wilgus
Prerequisite: History 37-38 or 41-42. Mon., Wed., and Fri., 5.10 p.m.
- 180 *Hispanic-American Constitutional History* (2) Wilgus
Prerequisite: History 175 or 176, or Political Science 9-10. Mon. and Wed., 10.10 a.m.
- 181 *Current South American Problems* (2) Cox
Prerequisite: History 41-42, 175, 176, or 180. Mon., 7.10 to 9 p.m.
- 182 *Current Caribbean Problems* (2) Cox
Prerequisite: History 41-42, 175, 176, or 180. Mon., 7.10 to 9 p.m.
- 197 *Seminar-Conference on Hispanic-American Affairs* (4) Wilgus and Visiting Staff
Summer Sessions 1935—daily except Sat., 9.40 to 11.30 a.m., six weeks' term.

THIRD GROUP

- 203 *Proseminar: Historiography and Research Methods* (2) The Staff
Required of all graduate students specializing in History. Open by permission to other graduate students and to properly qualified undergraduate History majors. A reading knowledge

of one modern foreign language is assumed. Mon. and Fri., 7.45 p.m.

Summer Sessions 1935 (3) -- Mon. and Thurs., 8.10 p.m., nine weeks' term.

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| †205-6 | <i>Proseminar: History of Nationalism</i> (3-3)
(Not offered in 1935-36.) | Kayser |
| †211-12 | <i>Proseminar: Modern Imperialism</i> (3-3)
Prerequisite: History 37-38 or 51-52 and a reading knowledge of one modern foreign language. Thurs., 7.30 p.m. | Ragatz |
| †217-18 | <i>Proseminar: Social History of the United States</i> (3-3)
(Not offered in 1935-36.) | Gray |
| †221-22 | <i>Proseminar: Diplomatic History of the United States</i> (3-3)
(Not offered in 1935-36.) | |
| †227-28 | <i>Proseminar: England under the Stuarts: the Revolution of 1688 and Its Aftermath</i> (3-3)
Prerequisite: History 37-38 or 51-52 and a reading knowledge of one modern foreign language. Wed., 7.45 p.m. | Churchill |
| †239-40 | <i>Proseminar: Hispanic-American Relations with the United States</i> (3-3)
Prerequisite: History 175, 176, and a reading knowledge of one foreign language, preferably Spanish. Tues., 7.30 p.m. | Wilgus |
| †241-42 | <i>Seminar: Medieval History</i> (3-3)
(Not offered in 1935-36.) | Kayser |
| †251-52 | <i>Seminar: Modern European History</i> (3-3)
(Not offered in 1935-36.) | Ragatz |
| †261-62 | <i>Seminar: American History</i> (3-3)
(Not offered in 1935-36.) | Gray |
| †271-72 | <i>Seminar: English History</i> (3-3)
(Not offered in 1935-36.) | Churchill |
| †281-82 | <i>Seminar: Hispanic-American History</i> (3-3)
(Not offered in 1935-36.) | Wilgus |

HOME ECONOMICS

Frances Kirkpatrick, A.M., *Associate Professor of Home Economics,
Executive Officer.*

Kathryn Mildred Towne, A.M., *Assistant Professor of Home Economics.*

Alma Charlotte Swenson, A.M., *Associate in Home Economics.*

Minimum requirements for the major.—See pages 156-57.

FIRST GROUP

- 1 *Food Selection* (3) Swenson
The composition and nutrition value of food. Mon., Wed., and
Fri., 5.10 p.m.
Home Economics 1x—same as Home Economics 1, but offered
second semester. Mon., Wed., and Fri., 10.10 a.m.
- 3 *Food Preparation* (3) Swenson
Prerequisite: Home Economics 1 (or concurrent registration
therefor). Material fee, \$9. Tues. and Thurs., 5.10 to 8 p.m.
Home Economics 3x—same as Home Economics 3, but offered
second semester. Section A, Mon. and Wed., 1.40 to 4.30 p.m.
Section B, Tues. and Thurs., 1.40 to 4.30 p.m.
- 21 *Clothing Selection* (3) Towne
The principles of art, hygiene, and design. Mon., Wed., and
Fri., 10.10 a.m.
Home Economics 21x—same as Home Economics 21, but
offered second semester. Mon., Wed., and Fri., 5.10 p.m.
- 23 *Clothing Construction* (3) Towne, Swenson
Prerequisite: Home Economics 21 (or concurrent registration
therefor). Material fee, \$3. Mon. and Wed., 1.40 to 4.10 p.m.
- 51 *Food Problems of the Household* (3) Swenson
Planning of family meals at different economic levels; canning,
food budgets, and marketing. Material fee, \$3. Mon. and Fri.,
11.10 a.m.; laboratory Wed., 11.10 a.m. to 1 p.m.
- 72 *Textiles* (3) Towne
Material fee, \$3. Section A, Mon. and Fri., 11.10 a.m.; laboratory
Wed., 11.10 a.m. to 1 p.m. Section B, Mon. and Wed., 6.10 to
8 p.m.
- 91 *Home Relationships* (3) Kirkpatrick
Mon., Wed., and Fri., 5.10 p.m.

SECOND GROUP

- 101 *Experimental Cookery* (3) Kirkpatrick
Prerequisite: Chemistry 11-12; Home Economics 1 and 3.
Material fee, \$9. Tues. and Thurs., 9.10 a.m. to 12.
- 102 *Quantity Cookery* (3) Kirkpatrick
The management and serving of foods in quantity under different conditions and for various purposes. Prerequisite: Home Economics 101. Material fee, \$9. Tues. and Thurs., 9.10 a.m. to 12.
- 103-4 *Special Problems in Food Preparation* (2-2) The Staff
A limited number of students will work on special problems in laboratories of the Bureau of Home Economics. Hours to be arranged.
- 121 *Costume Design* (3) Towne
Art principles applied to dress; application of corrective measures. Material fee, \$3. Fri., 11.10 a.m.; laboratory Mon. and Wed., 11.10 a.m. to 1 p.m.
- 124 *Economics of the Household* (3) Swenson
Prerequisite: Economics 1-2. Mon., Wed., and Fri., 6.10 p.m.
- 125 *Teaching of Home Economics* (3) Towne
(Not offered in 1935-36.)
- 140 *Advanced Dress Design and Construction* (3) Towne
Designing costumes on forms. Prerequisite: Home Economics 121. Material fee, \$3. Mon. and Wed., 1.40 to 4.30 p.m.
Home Economics 140x—same as Home Economics 140, but offered first semester. Tues. and Thurs., 5.10 to 8 p.m.
- 151 *Advanced Nutrition* (3) Kirkpatrick
Prerequisite: Chemistry 11-12, or 12 and 21; Home Economics 1 and 3. Section A, Mon. and Wed., 11.10 a.m. to 1 p.m. Section B, Mon. and Wed., 6.10 to 8 p.m.
- 152 *Dietetics* (3) Kirkpatrick
Dietetic food charts; normal and special diets. Prerequisite: Home Economics 151. Material fee, \$3. Mon. and Fri., 11.10 a.m.; laboratory Wed., 11.10 a.m. to 1 p.m.
- 160 *Special Problems in Clothing and Textiles* (3) Towne
Prerequisite: Home Economics 21, 23, 72, and 121. Material fee, \$3. (Not offered in 1935-36.)
- 162 *Advanced Dressmaking and Tailoring* (3) Towne
Prerequisite: Home Economics 140. Material fee, \$3. Tues. and Thurs., 9.10 a.m. to 12.

- 171 *House Furnishing* (3) Towne
Material fee, \$3. Tues. and Thurs., 1.40 to 4.30 p.m.
- 180 *Child Nutrition* (3) Kirkpatrick
Prerequisite: Home Economics 151. Material fee, \$3. Mon.,
Wed., and Fri., 5.10 p.m.
- 192 *Home Management* (3) Kirkpatrick
Management of time, income, and equipment in the home.
(Not offered in 1935-36.)

THIRD GROUP

- 201-2 *Research Problems* Staff of the Bureau of Home Economics
Research problems in food preparation and utilization. Hours
and credits to be arranged.
- 203-4 *Research Problems* Staff of the Bureau of Home Economics
Research problems in food economics. Hours and credits to
be arranged.
- 211-12 *Research in Nutrition* Staff of the Bureau of Home Economics
Problems related to the feeding of preschool children, or prob-
lems involving animal feeding. Hours and credits to be ar-
ranged.
- 219-20 *Seminar* (3-3) The Staff
Review of the recent work in the field of Home Economics.
Wed., 7.10 p.m.
- 221-22 *Research Problems* Staff of the Bureau of Home Economics
Research problems in textile and clothing construction. Hours
and credits to be arranged.
- 223 *Seminar in Home-Economics Education* (3)
Given by the staff of the Home-Economics Education Service of
the Federal Board for Vocational Education. Hours to be
arranged.

LAW

- Walter Collins Clephane, LL.M., LL.D., *Professor of Law.*
 John Wilmer Latimer, LL.B., *Professor of Law.*
 William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law, Executive Officer.*
 Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law.*
 Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law.*
 Walter Lewis Moll, A.B., LL.B., S.J.D., *Professor of Law.*
 Joseph Winston Cox, LL.B., *Adjunct Professor of Law.*
 Loyd Hall Sutton, B.S., LL.B., *Adjunct Professor of Law.*
 William Thomas Fryer, A.B., LL.B., J.D., *Associate Professor of Law.*
 Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Associate Professor of Law.*
 Carville Dickinson Benson, Jr., A.B., LL.B., S.J.D., *Associate Professor of Law.*
 James Forrester Davison, A.B., LL.M., S.J.D., *Assistant Professor of Law.*
 *John Albert McIntire, A.B., LL.B., *Assistant Professor of Law.*
 _____, *Assistant Professor of Law.*
 Levi Russell Alden, A.M., LL.B., *Lecturer in Law.*
 Gilbert Lewis Hall, A.B., LL.B., *Lecturer in Law.*
 Clarence Altha Miller, LL.M., *Lecturer in Law.*
 Ralph Hoskins Hudson, Graduate U.S. Naval Academy, LL.B., *Lecturer in Law.*
 James Oliver Murdock, Ph.B., LL.B., *Lecturer in Law.*
 James Robert Kirkland, A.B., LL.M., C.P.A., *Lecturer in Law.*
 Chester Charles Ward, B.S., LL.B., *Instructor in Law.*
 _____, *Instructor in Law.*
 Frederick Charles O'Connell, LL.M., *Associate in Law and Clerk of the Moot Court.*

MOOT COURT OF APPEALS

- Brainard Warner Parker, LL.B., *Chief Justice.*
 George Francis Williams, LL.M., *Associate Justice.*
 Paul Edgar Lesh, LL.M., *Associate Justice.*

Minimum requirements for the degrees.—See page 136.

* On leave 1935-36.

- 101-2 *Agency* (2-2)
Case book to be announced. Section A, Tues. and Wed., 12.10 p.m. Section B, Fri., 5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10 p.m., second term (McIntire).
- 105-6 *Civil Procedure* (2-2) Clephane, —
Section A (case book to be announced), Mon. and Tues., 9.10 a.m. Section B (O'Donnell on Procedure and Forms; Clephane on Equity Pleading), Tues., 5.10 and 6.10 p.m. Section C, Mon., 5.10 and 6.10 p.m.
- 111-12 *Contracts* (2-2) Moll, —
Williston's Cases on Contracts, 3d ed. Section A, Mon. and Wed., 11.10 a.m. Section B, Mon., 5.10 and 6.10 p.m. Section C, Tues., 5.10 and 6.10 p.m.
- 114 *Contracts Special* (4)
Williston's Cases on Contracts, 3d ed. Mon. and Tues., 5.10 and 6.10 p.m.
- 123-24 *Criminal Law and Procedure* (2-2) Kirkland, —
Case book to be announced. Section A, Thurs. and Fri., 9.10 a.m. Section B, Thurs., 5.10 and 6.10 p.m. Section C, Wed., 5.10 and 6.10 p.m.
- 126 *Criminal Law Special* (4) Kirkland
Case book to be announced. Thurs. and Fri., 5.10 and 6.10 p.m.
- 133-34 *Personal Property* (2-2) Fryer
Bigelow's Cases on Personal Property, 2d ed., 1931; materials on the study of law; remedies and the term "property"; Fryer's Readings on Personal Property. Section A, Wed., 9.10 a.m. and Thurs., 11.10 a.m. Section B, Tues., 5.10 and 6.10 p.m. Section C, Mon., 5.10 and 6.10 p.m.
- 137-38 *Real Property I* (2-2) Spaulding, Benson
Fraser's Cases on Property, vol. I. Section A, Tues. and Fri., 10.10 a.m. Section B, Fri., 5.10 and 6.10 p.m. Section C, Thurs., 5.10 and 6.10 p.m.
- 141-42 *Torts* (2-2) Van Vleck, —
Beale's edition of Ames and Smith's Cases. Section A, Thurs. and Fri., 12.10 p.m. Section B, Wed., 5.10 and 6.10 p.m. Section C, Fri., 5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10 p.m., first term.
- 209-10 *Bills and Notes* (2-2) Oppenheim
Britton's Cases on Bills and Notes, 2d ed. Section A, Thurs. and Fri., 11.10 a.m. Section B, Mon., 5.10 and 6.10 p.m.

- 213-14 *Constitutional Law I* (2-2) Collier
Dodd's Cases on Constitutional Law. Section A, Tues. and Wed.,
12.10 p.m. Section B, Tues., 5.10 and 6.10 p.m.
- 217 *Domestic Relations* (2)
(Not offered in 1935 36.)
- 219-20 *Equity II* (2-2) Spaulding, —
Chafee and Simpson's Cases on Equity. Section A, Mon.,
11.10 a.m., and Tues., 9.10 a.m. Section B, Fri., 5.10 and 6.10
p.m. Section C, Tues., 5.10 and 6.10 p.m.
- 223-24 *Evidence* (2-2) Latimer, Fryer
Hinton's Cases on Evidence, 2d ed., 1931. Section A, Thurs.
and Fri., 9.10 a.m. Section B, Mon., 5.10 and 6.10 p.m. Section
C, Thurs., 5.10 and 6.10 p.m.
- 241-42 *Real Property II* (2-2) Benson
Kirkwood's Cases on Conveyances; Mechem and Atkinson's
Cases on Wills and Administration. Section A, Mon. and Wed.,
9.10 a.m. Section B, Thurs., 5.10 and 6.10 p.m. Section C, Wed.,
5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
p.m., first term.
- 251-52 *Sales* (2-2) Oppenheim
Williston and McCurdy's Cases, 1932. Section A, Tues. and
Wed., 11.10 a.m. Section B, Wed., 5.10 and 6.10 p.m.
- 261-62 *Trusts* (2-2) Moll
Scott's Cases on Trusts, 2d ed. Section A, Thurs. and Fri.,
12.10 p.m. Section B, Thurs., 5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
p.m., first term.
- 303-4 *Administrative Law* (2-2) Davison
Frankfurter and Davison's Cases on Administrative Law.
Section A, Mon. and Fri., 11.10 a.m. Section B, Mon., 5.10
and 6.10 p.m.
- 311-12 *Business Associations* (2-2) Davison
Case book to be announced. Section A, Wed. and Thurs.,
10.10 a.m. Section B, Fri., 5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
p.m., second term.
- 315-16 *Conflict of Laws* (2-2) Van Vleck
Beale's Cases. Section A, Mon. and Tues., 10.10 a.m. Section
B, Wed., 5.10 and 6.10 p.m.

- 317-18 *Constitutional Law II* (2-2) Collier
Dodd's Cases on Constitutional Law and supplemental material.
Section A, Thurs., 11.10 a.m., and Fri., 10.10 a.m. Section B,
Mon., 5.10 and 6.10 p.m.
- 320 *Creditor's Rights* (2)
(Not offered in 1935-36.)
- 321-22 *Current Decisions and Legislation* (2-2)
Required of members of the student editorial board of *The George Washington Law Review*. Hours to be arranged.
- 323-24 *Equity III* (2-2)
Cook's Cases in Equity, vols. 1 and 3, 2d ed. Thurs., 5.10 and
6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
p.m., second term (Spaulding).
- 326 *Federal Jurisdiction* (2) Davison
Frankfurter and Katz's Cases on Federal Jurisdiction. Thurs.,
5.10 and 6.10 p.m.
- 327 *Future Interests* (2) Moll
Powell's Cases on Future Interests. Tues., 5.10 and 6.10 p.m.
- 328 *Insurance* (2) Spaulding
Case book to be announced. Mon., 5.10 and 6.10 p.m.
- 331 *Labor Law* (2) Spaulding
Landis' Cases on Labor Law. Wed., 5.10 and 6.10 p.m.
- 333 *Legal Bibliography and Briefmaking* (1) Miller
Mon., 6.10 p.m.
- 335-36 *Moot Court* (2-2) Clephane, Latimer, Cox, Hall
Prerequisite: Law 105-6 and 223-24. Section A, Sat., 9.10 and
10.10 a.m. Section B, Wed., 5.10 and 6.10 p.m.
- 341 *Municipal Corporations* (2)
Tooke's Cases, 2d ed. Fri., 5.10 and 6.10 p.m.
- 343 *Organization of Corporations* (1) Clephane
Conyngton on Corporate Procedure. Mon., 5.10 p.m.
- 345-46 *Patent Law* (2-2) Sutton
Substantive patent law and patent-office practice. Mon., 5.10
and 6.10 p.m.
- 349-50 *Patent Moot Court* (2-2) Hudson
This course may be elected instead of Law 335-36 to satisfy the
Moot Court requirement. Both subjects may not be counted
toward a degree. Wed., 5.10 and 6.10 p.m.

- 356 *Security* (2) Fryer
Hamas' Cases on Security. Wed., 5.10 and 6.10 p.m.
- 359-60 *Taxation* (2-2) Collier
Magill and Maguire's Cases. Fri., 5.10 and 6.10 p.m.
- 365-66 *Trade Regulation* (2-2) Oppenheim
Oppenheim's Cases on Trade Regulation. Tues., 5.10 and 6.10 p.m.
- 401 *Admiralty* (2) Alden
Sayre's Cases on Admiralty. Fri., 5.10 and 6.10 p.m.
- 404 *Government Corporations* (2)
Study of special problems. Fri., 5.10 and 6.10 p.m.
- 405-6 *History of Law* (2-2) Benson
Benson, *History of the English Law Notebook*. Tues., 5.10 and 6.10 p.m.
- 415-16 *International Law* (2-2) Murdock
Hudson's Cases on International Law. Thurs., 5.10 and 6.10 p.m.
- 418 *Interstate Commerce Law* (2) Davison
(Not offered in 1935-36.)
- 420 *Jurisprudence* (2) Moll
Textbook to be announced. Tues., 5.10 and 6.10 p.m.
- 425 *Public Utilities* (2) Davison
Welch, et al., Cases on Public-Utility Regulation. Thurs., 5.10 and 6.10 p.m.

LIBRARY SCIENCE

- Alfred Francis William Schmidt, A.M., *Professor of Library Science, Executive Officer.*
- George Franklin Bowerman, A.B., B.L.S., L.H.D., *Professorial Lecturer in Library Science.*
- Charles Martel, *Professorial Lecturer in Library Science.*
- Elizabeth Adams Lathrop, A.B., *Assistant Professor of Library Science.*
- Ernest Kletsch, *Lecturer in Library Science.*
- Adelaide Hasse, *Lecturer in Library Science.*
- Wyllis Eaton Wright, A.M., B.S. in L.S., *Visiting Instructor in Library Science.*

Minimum requirements for the major.—See page 180.

SECOND GROUP

- †101-2 *Cataloguing (3-3)* Lathrop
 Library of Congress rules. Material fee, \$1.50 a semester.
 Section A, Mon., Wed., and Fri., 10.10 a.m. to 12. Section B,
 Tues., Thurs., and Fri., 6.10 to 8 p.m.
 Summer Sessions 1935 (2)—Library Science 102, daily except
 Sat., 5.10 p.m., six weeks' term (Wright).
- 121-22 *Classification (3-3)* Schmidt
 Dewey, Cutter, and Library of Congress systems. Mon., Wed.,
 and Fri., 5.10 p.m.
 Summer Sessions 1935 (2)—Library Science 121, daily except
 Sat., 6.10 p.m., six weeks' term (Wright).
- 131-32 *History and Sociology of Libraries (2-2)* Schmidt
 Mon. and Wed., 6.10 p.m.
- 141 *Reference (2)* Schmidt
 Prerequisite: Library Science 101-2 and 121-22, or the equivalent in library experience. Tues. and Thurs., 5.10 p.m.
 Summer Sessions 1935 (2)—daily except Sat., 7.40 a.m., six weeks' term (Wright).
- 142 *Bibliography (2)* Schmidt
 Prerequisite: Library Science 141, or the equivalent in library experience. Tues. and Thurs., 5.10 p.m.

- 161 *Library Economy* (2) Lathrop
Ordering, accessioning, inventory, withdrawals, shelving, indexing, filing, mending, and binding. Material fee, \$1.50. Tues. and Thurs., 9.10 a.m.
- 162 *Library Organization and Administration* (2) Lathrop
Material fee, \$1.50. Tues. and Thurs., 9.10 a.m.
- 171-72 *Book Evaluation and Selection* (2-2) Lathrop
Material fee, \$1.50 a semester. Mon. and Wed., 9.10 a.m.
- 185-86 *Public Documents* (2-2) Hasse
Fri., 7.10 to 9 p.m.

THIRD GROUP

- 201-2 *Proseminar: Reference Work and Bibliography* (3-3) The Staff
Hours to be arranged.
- 205-6 *Proseminar: Cataloguing* (3-3) The Staff
Cataloguing, classification, and administration of cataloguing departments. Hours to be arranged.
- 207-8 *Proseminar: The History of the Book* (3-3) Schmidt, Kletsch
Library of Congress, Tues., 7.30 to 9.30 p.m.
- 209-10 *Proseminar: Children's Literature and Work with Children* (3-3)
Material fee, \$1.50 a semester. (Not offered in 1935-36.) Lathrop
- 211-12 *Special Libraries* (3-3) Hasse
Thurs., 7.10 to 9 p.m.
- 217-18 *Problems in Library Administration* (3-3) The Staff
Hours to be arranged.
- 221-22 *Special Public-Library Problems* (3-3) Bowerman and Staff
Hours to be arranged.
- 225 *Library Buildings, Their Planning and Maintenance* (3) The Staff
Hours to be arranged.
- 231-32 *Seminar: Research* (3-3) The Staff
Thurs., 7.30 to 9.30 p.m.

MATHEMATICS

James Henry Taylor, Ph.D., *Professor of Mathematics, Executive Officer.*
 Francis Edgar Johnston, Ph.D., *Associate Professor of Mathematics.*
 Florence Marie Mears, Ph.D., *Assistant Professor of Mathematics.*

Minimum requirements for the major.—Fifteen semester-hours of Mathematics beyond Calculus.

FIRST GROUP

- 3 *Solid Geometry* (2) The Staff
 Tues. and Thurs., 6.10 p.m.
- 11 *Introductory College Mathematics* (3) The Staff
 For students not offering Trigonometry for entrance, or who present less than two entrance units in Algebra. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Tues., Thurs., and Sat., 11.10 a.m. Section C, Mon., Wed., and Fri., 5.10 p.m. Section D, Mon., Wed., and Fri., 6.10 p.m.
 Mathematics 11x—same as Mathematics 11, but offered second semester. Section A, Tues., Thurs., and Sat., 11.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m.
- 12 *Plane Analytic Geometry* (3) The Staff
 Prerequisite: Mathematics 11. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Tues., Thurs., and Sat., 11.10 a.m. Section C, Mon., Wed., and Fri., 5.10 p.m. Section D, Mon., Wed., and Fri., 6.10 p.m.
 Mathematics 12x—same as Mathematics 12, but offered first semester. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Tues., Thurs., and Sat., 11.10 a.m. Section C, Mon., Wed., and Fri., 5.10 p.m. Section D, Tues., Thurs., and Sat., 5.10 p.m.
- 19 *Differential Calculus* (3) The Staff
 Prerequisite: Mathematics 12. Section A, Tues., Thurs., and Sat., 9.10 a.m. Section B, Tues., Thurs., and Sat., 5.10 p.m.
 Mathematics 19x—same as Mathematics 19, but offered second semester. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Tues., Thurs., and Sat., 11.10 a.m. Section C, Mon., Wed., and Fri., 5.10 p.m. Section D, Tues., Thurs., and Sat., 5.10 p.m.
- Summer Sessions 1935 (3)—June 10–July 10, daily except Sat., 6.10 to 8 p.m. (Taylor).

- ²⁰ *Integral Calculus* (3) The Staff
 Prerequisite: Mathematics 19. Section A, Tues., Thurs., and Sat., 9.10 a.m. Section B, Tues., Thurs., and Sat., 5.10 p.m.
 Mathematics 20x—same as Mathematics 20, but offered first semester. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m.
 Summer Sessions 1935 (3)—July 11–August 9, daily except Sat., 6.10 to 8 p.m. (Taylor).

SECOND GROUP

- ¹⁰² *Fundamental Concepts of Mathematics* (3) Mears
 Prerequisite: Mathematics 20. Mon., Wed., and Fri., 6.10 p.m.
¹⁰⁴ *Teaching of Secondary-School Mathematics* (3)
 Prerequisite: Mathematics 20. (Not offered in 1935–36.)
¹²³ *Theory of Equations* (3) Johnston
 Prerequisite: Mathematics 20. Mon., Wed., and Fri., 10.10 a.m.
¹²⁴ *Advanced Algebra* (3)
 Prerequisite: Mathematics 20. (Not offered in 1935–36.)
¹²⁸ *Solid Analytic Geometry* (3)
 Prerequisite: Mathematics 20. (Not offered in 1935–36.)
¹³² *Differential Equations* (3) Taylor
 Prerequisite: Mathematics 20. Mon., Wed., and Fri., 5.10 p.m.
¹³⁵⁻³⁶ *Projective Geometry* (2-2)
 Prerequisite: Mathematics 20. (Not offered in 1935–36.)
¹³⁸ *Advanced Calculus* (3) Mears
 Prerequisite: Mathematics 20. Tues., Thurs., and Sat., 5.10 p.m.
¹⁴⁰ *Modern Analytic Geometry* (3) Johnston
 Prerequisite: Mathematics 20. Mon., Wed., and Fri., 10.10 a.m.
¹⁶⁷ *Fourier Series and Spherical Harmonics* (3) Weida
 Prerequisite: Mathematics 132. Tues., Thurs., and Sat., 5.10 p.m.
¹⁷¹ *Vector Analysis* (3) Taylor
 Prerequisite: Mathematics 20. Mon., Wed., and Fri., 5.10 p.m.

THIRD GROUP

- ²²⁰ *Theory of Numbers* (3)
 (Not offered in 1935–36.)
²⁵⁰ *Integral Equations* (3) Weida
 Tues., Thurs., and Sat., 6.10 p.m.

- †251-52 *Theory of Functions of a Real Variable* (3-3)
(Not offered in 1935-36.)
- †253-54 *Theory of Functions of a Complex Variable* (3-3)
Mon., Wed., and Fri., 5.10 p.m.
- 255-56 *Differential Geometry* (3-3) Taylor
Mon., Wed., and Fri., 6.10 p.m.
- †257-58 *Theory of Finite Groups* (2-2)
(Not offered in 1935-36.)
- †265-66 *Modern Algebra* (3-3)
(Not offered in 1935-36.)
- †267-68 *Calculus of Variations* (2-2)
(Not offered in 1935-36.)
- 270 *Tensor Analysis* (3)
Prerequisite: Mathematics 171. (Not offered in 1935-36.)
- 275 *Theory of the Potential* (3)
(Not offered in 1935-36.)
- 277 *Partial Differential Equations* (3) Taylor
Summer Sessions 1935—hours to be arranged, nine weeks' weeks'
- 297-98 *Reading and Research* (3-3) The Staff
Hours to be arranged.

MECHANICAL ENGINEERING

Arthur Frederick Johnson, M.E., *Professor of Mechanical Engineering, Executive Officer.*

Benjamin Carpenter Cruickshanks, B.S. in M.E., *Associate Professor of Mechanical Engineering.*

Max Allen Lett, M.S. in M.E., *Instructor in Mechanical Engineering.*

Minimum requirements for the major.—See page 142.

FIRST GROUP

3 *Mechanical Drawing* (2) Johnson
Drafting-room fee, \$3. Section A, Mon. and Fri., 1.40 to 4.30 p.m.
Section B, Tues. and Thurs., 1.40 to 4.30 p.m. Section C, Mon.
and Fri., 7.30 to 10.30 p.m.

4 *Descriptive Geometry* (2) Johnson
Prerequisite: Solid Geometry. Drafting-room fee, \$3. Section
A, Mon. and Fri., 1.40 to 4.30 p.m. Section B, Tues. and Thurs.,
1.40 to 4.30 p.m. Section C, Mon. and Fri., 7.30 to 10.30 p.m.

7-8 *Machine Drawing* (2-2) Lett
Prerequisite: Mechanical Engineering 4 and 13-14 (or concurrent
registration for Mechanical Engineering 13-14). Drafting-
room fee, \$3 a semester. Section A, Mon. and Wed., 1.40 to
4.30 p.m. Section B, Mon. and Fri., 7.30 to 10.30 p.m.

13-14 *Mechanism* (2-2) Lett
Prerequisite: Mathematics 12, 19, and 20 (or concurrent registration
for Mathematics 19 and 20). Section A, Tues. and
Thurs., 10.10 a.m. Section B, Tues. and Thurs., 5.10 p.m.

SECOND GROUP

111-12 *Thermodynamics* (3-3) Cruickshanks
Prerequisite: Mathematics 20 (or concurrent registration
therefor). Section A, Mon., Wed., and Fri., 9.10 a.m. Section B,
Mon., Wed., and Fri., 6.10 p.m.

115-16 *Mechanical Laboratory* (2-2) Cruickshanks
Calibration of instruments; calorimetry; testing of prime movers,
auxiliaries, and combustion engines. Eight-hour boiler test
required. Prerequisite: Mechanical Engineering 13-14 and
111-12. Laboratory fee, \$6 a semester. First semester: section A,

Tues. and Thurs., 1.40 p.m.; section B, Tues. and Thurs., 7.30 p.m. Second semester: Tues. and Thurs., 7.30 p.m.

126 *Methods of Manufacture* (2)

Johnson

Fixtures, gauging, tools, costs. Prerequisite: Civil Engineering 25; Mechanical Engineering 8 and 14. Tues. and Thurs., 6.10 p.m.

127-28 *Machine Design* (2-2)

Johnson

Prerequisite: Civil Engineering 25, 41, 132, and 134; Mechanical Engineering 112 and 126. Drafting-room fee, \$3 a semester. Section A, Wed. and Fri., 1.40 to 4.30 p.m. Section B, Mon. and Fri., 7.30 to 10.30 p.m.

129-30 *Power Plants* (3-3)

Cruickshanks

Design, layout, installation, and operation of power plants and equipment. Prerequisite: Mechanical Engineering 112. Mon., Wed., and Fri., 5.10 p.m.

131 *Heating and Ventilating* (2)

Johnson

Prerequisite: Mechanical Engineering 112. Tues. and Thurs., 5.10 p.m.

133 *Combustion Engines* (2)

Lett

Prerequisite: Civil Engineering 132 and 134; Electrical Engineering 10; Mechanical Engineering 112. Section A, Tues. and Thurs., 11.10 a.m. Section B, Tues. and Thurs., 6.10 p.m.

138 *Refrigeration* (2)

Johnson

Prerequisite: Mechanical Engineering 111. Tues. and Thurs., 5.10 p.m.

139 *Dynamics of Fluids* (3)

Johnson

The theories of hydro- and aero-mechanics as influenced by density, viscosity, and turbulence. Prerequisite: Civil Engineering 14; Mechanical Engineering 112. Mon., Wed., and Fri., 6.10 p.m.

140 *Dynamics of Machinery* (3)

Johnson

Inertia effects, balancing, vibration phenomena. Prerequisite: Civil Engineering 132 and 134; Mechanical Engineering 112. (Not offered in 1935-36.)

MEDICINE

Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine, Executive Officer.*

William Johnston Mallory, A.M., M.D., *Professor of Medicine.*

Coursen Baxter Conklin, A.M., M.D., *Clinical Professor of Medicine.*

Frank Adelbert Hornaday, M.S., M.D., *Assistant Professor of Medicine.*

Charles Robert Lee Halley, A.B., M.D., *Associate in Medicine.*

John Alton Reed, A.B., M.D., *Associate in Medicine.*

Watson William Eldridge, M.D., *Associate in Medicine.*

Stuart Oliver Foster, A.B., M.D., *Associate in Medicine.*

Herman Solomon Hoffman, A.B., M.D., *Associate in Medicine.*

John Minor, A.B., M.D., *Associate in Medicine.*

Maurice Protas, A.B., M.D., *Associate in Medicine.*

Paul Frederick Dickens, B.S., M.D., *Clinical Instructor in Medicine.*

William LeRoy Dunn, A.M., M.D., *Clinical Instructor in Medicine.*

Harry Friedenber, A.B., M.D., *Clinical Instructor in Medicine.*

Bernard Lauriston Hardin, Jr., A.B., M.D., *Clinical Instructor in Medicine.*

Robert Howe Harmon, A.B., M.D., *Clinical Instructor in Medicine.*

Marvin McDugald McLean, M.D., *Clinical Instructor in Medicine.*

Nicholas Athanasiou Mandelos, M.D., *Clinical Instructor in Medicine.*

George Arnold Holm, B.S., M.D., *Clinical Instructor in Medicine.*

Raymond Wilkins Murray, A.B., M.D., *Clinical Instructor in Medicine.*

Leo T. Brown, M.D., *Clinical Instructor in Medicine.*

Alma Fife Heath, M.D., *Clinical Instructor in Medicine.*

Harry Filmore Dowling, A.B., M.D., *Clinical Instructor in Medicine.*

George Louis Weller, Jr., A.B., M.D., *Clinical Instructor in Medicine.*

122 *Introductory Medical Clinics (elective)* Bloedorn and Staff
This course is given as part of a course on introductory medical
and surgical clinics. Two hours a week.

123 *History of Medicine (elective)* Halley
One hour a week.

262 *Introduction to Physical Diagnosis* Conklin
Two hours a week.

- 315-16 *Dispensary Clinics* The Staff
Well-organized group clinical instruction is given in the dispensaries of the University and Emergency Hospitals. The student is assigned cases to be thoroughly studied; and at the conclusion of this study each case is reviewed in its entirety for him. Daily.
- 317-18 *General Medicine* Bloedorn, Mallory, Halley
A systematic course of lectures designed to cover general aspects of medical disease in all its phases, including therapeutics. Four hours a week.
- 319 *Medical Jurisprudence* Eldridge
Lectures on the rights and obligations of physicians, both legal and ethical, and on the legal problems with which the physician is brought into contact. One hour a week for eleven weeks.
- 321 *Physiotherapy (elective)* Hoffman
This course is a series of lectures and demonstrations of the fundamentals of physical treatment and their application to general medical diseases. One hour a week for five weeks.
- 322 *Radiology and Radiotherapy (elective)* The Staff
One hour a week.
- 325-26 *Physical Diagnosis* Conklin and Staff
This course, which is designed to cover the entire subject of physical diagnosis, consists of section demonstrations and practice on the normal and abnormal subject. Four hours a week.
- 407-8 *Ward Walks* The Staff
Sections assigned to the University and Emergency Hospitals are taken for ward walks by the visiting physicians and their respective staffs in the course of their usual rounds. The student has an excellent opportunity to observe the actual management of patients. Two section, one hour three times a week.
- 409-10 *Clinics* Bloedorn and Staff
In these clinics the usual as well as the more rare diseases are taken up and discussed from the point of view of etiology, diagnosis, and treatment, with special emphasis upon differential diagnosis and the demonstration of clinical abnormalities as found in the various morbid processes. Gallinger Hospital, four sections, one and one-half hours three times a week.
- 411-12 *Clinical Clerkship* Halley, Murray, Heath
The student is assigned a case which he is required to work up thoroughly, and inasmuch as the student's histories are

generally accepted for hospital records, he is under strict supervision. Gallinger Hospital, four sections, two and one-half hours three times a week; Emergency Hospital, two sections, two hours three times a week; University Hospital, two sections, two hours three times a week; St. Elizabeth's Hospital, one fourth of the class, two hours a week.

- 413 14 *Clinical Pathological Conference (elective)* Bloedorn, Choisser
This course is designed to acquaint the students with the proper correlation of the clinical and post-mortem findings. Cases are described in detail from a clinical point of view, and the post-mortem findings are then thoroughly demonstrated, both grossly and with lantern slides. One hour a week.

NEUROLOGY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*
 James Winston Watts, M.D., *Associate Professor of Neurosurgery.*
 Hyman David Shapiro, M.D., *Associate in Neurology.*
 Alexander Simon, A.B., M.D., *Clinical Instructor in Neurology.*

356 *Neurology*

Shapiro

Systematic lectures with moving pictures and lantern slides illustrating the chief neurologic syndromes and their anatomic bases. One hour a week for sixteen weeks.

445 *Neurosurgery (elective)*

Watts

Lectures and clinical demonstrations in surgery of the brain, spinal cord, and peripheral nerves. Emphasis is laid upon fundamentals and upon the possibilities of surgery in the relief of symptoms. One hour a week for sixteen weeks.

447-48 *Clinical Neurology*

Freeman and Staff

Lectures and demonstrations of patients illustrating the diagnosis and treatment of nervous disorders. The vast material of St. Elizabeth's Hospital is drawn upon not only for the commoner disorders, but also for some of the unusual syndromes. One hour a week.

449-50 *Neurologic Examinations*

Freeman and Staff

Practical instruction in the examination of patients presenting nervous diseases. Each student is required to perform a detailed examination of six patients. St. Elizabeth's Hospital, one fourth of the class, two hours a week.

OBSTETRICS AND GYNECOLOGY

- Howard Francis Kane, A.B., M.D., *Professor of Obstetrics and Gynecology, Executive Officer.*
- Radford Brown, M.D., *Professor of Obstetrics and Gynecology.*
- Elijah White Titus, Phar.D., M.D., *Clinical Professor of Obstetrics and Gynecology.*
- Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology.*
- Herbert Percy Ramsey, A.B., M.D., *Assistant Professor of Obstetrics and Gynecology.*
- Richard Lee Silvester, M.S., M.D., *Associate in Obstetrics and Gynecology.*
- Henry Lauran Darner, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- William Preston Haynes, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- George Nordlinger, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- William Raymond Thomas, M.D., *Associate in Obstetrics and Gynecology.*
- Joseph Harris, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- Laurence Lee Cockerille, M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Clayton Howard Hixson, M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Henry John Russell McNitt, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Bernard Notes, M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Helen Gladys Kain, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Ether Alsylvia Nathanson, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Samuel Mayer Dodek, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology.*

- 361 *Pregnancy, Normal and Abnormal* Kane, Silvester, Dodek
Lectures and recitations on the physiology and management of pregnancy and its complications. Two hours a week.
- 362 *Labor, Normal and Abnormal* Kane
Lectures, recitations, and demonstrations on the mechanism and course of labor and its complications. Two hours a week.
- 363 *Principles and Practice of Gynecology* Brown
Lectures and recitations on Gynecology, medical and surgical. One hour a week.

- 364 *Gynecological Pathology (elective)* Brewer
Lectures on the essentials of gynecological pathology, and demonstrations and study of gross and microscopic material discussed in the lectures. One hour a week for ten weeks.
- 366 *Female Endocrinology* Kott
Lectures on the physiology and pathology of the endocrine system in women. One hour a week for six weeks.
- 455 56 *Manikin Demonstrations* Harris
The mechanism of labor and various types of operative delivery demonstrated to sections of the class throughout the year.
- 457 58 *Clinical Obstetrics* The Staff
Observation of, and participation in, the work of the pre-natal, post-natal clinics, on the wards, and in the delivery rooms of the University, Gallinger, Columbia, and Garfield Hospitals.
- 459 60 *Clinical Gynecology* The Staff
Observation of, and participation in, the work at the out-patient clinics, on the wards, and in the operating rooms of the University, Gallinger, Columbia, and Garfield Hospitals.

OPHTHALMOLOGY

William Thornwall Davis, M.D., *Professor of Ophthalmology, Executive Officer.*

George Victor Simpson, M.D., *Assistant Professor of Ophthalmology.*

Ernest Alfred Watson Sheppard, M.D.C.M., *Assistant Professor of Ophthalmology.*

Frederick Leslie Benton, M.D., Sc.D., *Clinical Instructor in Ophthalmology.*

Edgar Leonard Goodman, M.D., M.M.S., *Clinical Instructor in Ophthalmology.*

461 *Ophthalmology*

Davis

A lecture course presenting the principles of Ophthalmology, with special reference to topics of importance to the general practitioner. Two hours a week for ten weeks.

463-64 *Clinic*

Davis and Staff

Intensive training in diseases of the eye, including etiology, and diagnosis and treatment in their application to clinical cases. Episcopal Hospital, three hours twice a week.

OTO-RHINO-LARYNGOLOGY

- William Beverley Mason, M.D., *Professor of Oto-rhino-laryngology, Executive Officer.*
- Daniel Bruce Moffett, A.B., M.D., *Associate Professor of Oto-rhino-laryngology.*
- William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology.*
- Boyce Richardson Bolton, M.D., *Assistant Professor of Oto-rhino-laryngology.*
- David Davis, A.B., M.D., *Associate in Oto-rhino-laryngology.*
- Don R. Johnson, LL.B., M.D., *Associate in Oto-rhino-laryngology.*
- LeRoy Lee Sawyer, Jr., A.B., M.D., *Associate in Oto-rhino-laryngology.*
- Aubrey David Fischer, M.D., *Clinical Instructor in Oto-rhino-laryngology.*
- Jeter Carroll Bradley, M.D., *Clinical Instructor in Oto-rhino-laryngology.*
- Lyman Brooke Tibbets, Phar.D., M.D., *Clinical Instructor in Oto-rhino-laryngology.*

- 377-78 *Dispensary Clinic* Mason and Staff
 Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Emergency Hospital, one section daily; Children's Hospital, one-half section, one hour twice a week.
- 466 *Oto-rhino-laryngology* Jenkins
 Clinical lectures and demonstration of diseases of the ear, nose, and throat, including bronchoscopy and esophagoscopy. One hour a week.
- 467 *Oto-rhino-laryngology* Moffett
 Lectures on the anatomy, physiology, and diseases of the ear, nose, and throat. One hour a week.
- 469-70 *Clinic* Mason and Staff
 Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Episcopal Hospital, one section, one and one-half hours a week; Gallinger Hospital, one section, one and one-half hours a week; University Hospital, one section, one and one-half hours a week.

PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Acting Executive Officer.*

Duane Case Richtmeyer, A.B., M.D., *Instructor in Pathology.*

Francis Patrick Boland, B.S., M.D., *Instructor in Pathology.*

Elizabeth Mapelsden Ramsey, A.B., M.D., *Associate in Pathology.*

217-18 *Pathology*

Choisser, Richtmeyer, Boland

A course covering inflammation, repair, degenerations, the effects of plant (including bacteria) and animal parasites on the body, the effects of chemical and physical agents, the formation of new growths, etc., followed by special pathology of the organs and of the specific diseases. The laboratory work consists primarily of the histologic study of diseased tissues and neoplasms. Three hours a week in the first semester and twelve hours a week in the second.

307-8 *Autopsies*

The Staff

Groups of students are called from time to time for autopsies performed by members of the staff. Amphitheater necropsies are held regularly at the University and Gallinger Hospitals; the clinicians and pathologists participate in the discussions and elucidation of the findings.

309 *Oncology (elective)*

Choisser

A systematic course in neoplastic diseases, consisting of lectures and laboratory demonstrations, with particular reference to cancer research and diagnostic methods as applied to clinical medicine. Two hours a week.

403-4 *Clinical Pathological Conferences (elective)*

Choisser

Clinical records are presented by the student assigned to the case in the wards. Autopsy and clinical findings are compared, and specimens are demonstrated and examined by all present. One hour a week.

405 *Research*

Choisser

Hours and credits to be arranged.

PEDIATRICS

Harry Hampton Donnally, A.M., M.D., *Professor of Pediatrics, Executive Officer.*

Henry Cook Macatee, M.D., *Clinical Professor of Pediatrics.*

Preston Alexander McLendon, B.S., M.D., *Assistant Professor of Pediatrics.*

Charles Aurelius Schutz, A.B., M.D., *Assistant Professor of Pediatrics.*

Loren Bascom Taber Johnson, M.D., *Associate in Pediatrics.*

Margaret Mary Nicholson, A.B., M.D., *Clinical Instructor in Pediatrics.*

Elizabeth Emery Chickering, A.B., M.D., *Clinical Instructor in Pediatrics.*

Aaron Nimetz, A.B., M.D., *Clinical Instructor in Pediatrics.*

James Alfred Rolls, A.B., M.D., *Clinical Instructor in Pediatrics.*

337-38 *Pediatrics*

Schutz

A course of lectures on diseases and malformations of the newly born. Growth (mental and physical), metabolism, nutritional diseases, therapeutics, habits, preventive pediatrics, and social aspects are considered. One hour a week in the first semester and for eight weeks in the second.

341-42 *Dispensary Clinic*

Schutz

Clinical course in the infant and the preschool child. Children's Hospital, Child Welfare Center, one section, one hour a week.

343-44 *Dispensary Clinic*

Schutz, Nicholson, Chickering, Nimetz

Clinical course in the out-patient department, including minor to serious disorders of children. Children's Hospital, one section, one and one-half hours four times a week.

420 *Special Clinic (elective)*

Johnson

The emotional life of the child, his habit formations, and his behavior problems. Children's Hospital, sections, three hours a week.

427-28 *Clinic*

Donnally

Teaching clinic. Children's Hospital, entire class, one and one-fourth hours a week.

429-30 *Clinical Clerkship*

Donnally, McLendon, Nicholson, Nimetz

Ward walks, physical diagnosis in children, special pediatric procedures, bedside instruction in contagious diseases, clinical laboratory and necropsy instruction, diagnosis and treatment of urgent cases. Children's Hospital, one fourth of the class, three hours three times a week.

- 431-32 *Contagious-Disease Clinic* Macatee
 Bedside instruction in scarlet fever. Garfield Hospital, one fourth of the class, one hour a week.
- 433-34 *Contagious-Disease Clinic* Rolla
 Bedside instruction in diphtheria. Gallinger Hospital, one fourth of the class, one hour a week.
- 435 *Clinic* Chickering
 Clinical instruction in the care of the newly born, congenital malformations, birth injuries, and prematurity. Gallinger Hospital, one fourth of the class, one hour a week.
- 437-38 *Allergy Clinic (elective)* Donnally
 Practical work in the Allergy Clinic of Children's Hospital may be obtained by a small group of students, selected from among seniors who apply, on the basis of scholarship and special fitness. Two afternoons a week.

PHARMACOLOGY AND THERAPEUTICS

George Byron Roth, A.B., M.D., *Professor of Pharmacology, Executive Officer.*

James Holmes Defandorf, Ph.D., *Instructor in Pharmacology.*

Phoebe Jeannette Crittenden, Ph.D., *Instructor in Pharmacology.*

228 *Pharmacology* Roth and Staff
This course consists of laboratory instruction covering both the chemical nature and the biological effects of drugs. Five hours a week.

230 *Pharmacology* Roth
A didactic course, supplemented by demonstration, which correlates the most prominent facts relating to the more important therapeutic agents, special consideration being given to the drugs found in the United States Pharmacopoeia and New and Nonofficial Remedies. Three hours a week.

232 *Pharmacology Conference (elective)* Roth and Staff
One hour a week.

234 *Prescription Writing* Roth
Sixteen one-hour conferences on the form of the prescription, with practical exercises.

311-12 *Therapeutics* The Staff
Lectures, conferences, and demonstrations on the clinical uses of drugs. One hour a week in the first semester and for twelve weeks in the second.

313 *Therapeutics Seminar (elective)* Roth
One hour a week.

314 *Research* Roth and Staff
Hours and credits to be arranged.

PHARMACY

- William Paul Briggs, M.S., *Professor of Pharmacy, Executive Officer.*
 Louis Francis Bradley, Phar.D., *Adjunct Professor of Pharmacy.*
 John William Lee, B.S. in Phar., *Assistant Professor of Pharmaceutical Chemistry.*
 Samuel Louis Hilton, Phar.D., *Lecturer on Incompatibilities.*
 Augustus Carrier Taylor, *Lecturer in Pharmacy.*
 Waldemar Bruce Philip, A.B., Phar.D., LL.M., *Lecturer on Pharmaceutical Economics and Jurisprudence.*
 _____, *Instructor in Pharmacy.*

Minimum requirements for the degree.—See pages 149-50.

FIRST GROUP

- | | | |
|-------|---|-------------|
| 1-2 | <i>Pharmaceutical Mathematics (2-2)</i> | Lee |
| | Mon. and Wed., 9.10 a.m. | |
| 21-22 | <i>Operative Pharmacy (5-5)</i> | Briggs, Lee |
| | The theory and manufacture of Pharmacopoeial and Formulary preparations. Material fee, \$3 a semester; breakage deposit, \$10. First semester: Mon., Wed., and Fri., 11.10 a.m.; laboratory Tues. and Thurs., 1.40 to 4.30 p.m. Second semester: Tues., Wed., and Thurs., 11.10 a.m.; laboratory Thurs. and Fri., 1.40 to 4.30 p.m. | |
| 23-24 | <i>Pharmacognosy (3-3)</i> | |
| | Prerequisite: Botany 2. Material fee, \$3 a semester. Wed., 12.10 p.m., and Fri., 9.10 a.m.; laboratory Mon., Wed., and Fri., 10.10 a.m. to 12. | |

SECOND GROUP

- | | | |
|-------|---|--------|
| 101-2 | <i>Dispensing Pharmacy (4-4)</i> | Briggs |
| | Compounding of typical prescriptions and a study of incompatibilities. Prerequisite: Pharmacy 2 and 22. Material fee, \$3 a semester; breakage deposit, \$10. Tues. and Thurs., 9.10 a.m.; laboratory Tues. and Thurs., 1.40 to 4.30 p.m. | |
| 105-6 | <i>Therapeutics (2-2)</i> | |
| | Tues. and Thurs., 10.10 a.m. | |
| 107 | <i>History of Pharmacy (2)</i> | Briggs |
| | Tues. and Thurs., 11.10 a.m. | |

- 110 *Inorganic Pharmaceutical Chemistry* (3) Lee
Preparation and qualitative testing. Prerequisite: Chemistry 21. Material fee, \$3; breakage deposit, \$5. Tues. and Thurs. 11.10 a.m.; laboratory Wed., 1.40 to 4.30 p.m.
- 151-52 *Advanced Pharmacognosy* (2-2)
Prerequisite: Pharmacy 24. Material fee, \$3 a semester. Thurs. 9.10 a.m.; laboratory Fri., 9.10 a.m. to 12.
- 163 *Organic Pharmaceutical Chemistry* (3) Lee
Preparation and qualitative testing. Prerequisite: Chemistry 42. Material fee, \$3; breakage deposit, \$5. Tues. and Thurs. 10.10 a.m.; laboratory Wed., 1.40 to 4.30 p.m.
- 165-66 *Pharmacology* (3-3)
Prerequisite: Pharmacy 24 and 106; Physiology 116. Material fee, \$3 second semester; breakage deposit \$5. First semester: Mon. and Wed., 10.10 a.m., and Thurs., 11.10 a.m. Second semester: Mon. and Wed., 10.10 a.m.; laboratory Fri., 1.40 to 4.30 p.m.
- 171-72 *Dispensing Pharmacy* (2-2) Briggs
Advanced compounding and study of the equipment and management of professional pharmacies. Prerequisite: Pharmacy 102. Material fee, \$3 a semester. Fri., 10.10 a.m.; laboratory Thurs., 1.40 to 4.30 p.m.
- 174 *Quantitative Pharmaceutical Chemistry* (4) Lee
Prerequisite: Chemistry 42. Material fee, \$3; breakage deposit \$5. Tues. and Thurs., 10.10 a.m.; laboratory Mon. and Wed. 1.40 to 4.30 p.m.
- 178 *Pharmaceutical Economics and Jurisprudence* (3) Phillips
Mon., Wed., and Fri., 9.10 a.m.
- 179-80 *Food and Drug Analysis* (3-3) Lee
Prerequisite: Chemistry 42; Pharmacy 22 and 166. Material fee, \$3 a semester; breakage deposit, \$10. Tues., 9.10 a.m.; laboratory Mon. and Wed., 1.40 to 4.30 p.m.
- 183-84 *Advanced Pharmacology* (2-2) Tues.
Prerequisite: Pharmacy 166. Material fee, \$3 a semester 11.10 a.m.; laboratory Fri., 1.40 to 4.30 p.m.
- 190 *Survey of Pharmaceutical Literature* (2) Briggs
Hours to be arranged.

PHILOSOPHY

Edward Elliott Richardson, M.D., Ph.D., *Elton Professor of Philosophy.*
 Christopher Browne Garnett, Jr., Ph.D., *Assistant Professor of Philosophy,*
Executive Officer.

Minimum requirements for the major.—Twenty-four semester-hours of Philosophy (or eighteen in Philosophy and six in a closely allied field), including Philosophy 103, 111-12, and 122; oral examinations on assigned topics in Philosophy during the last year; and a written comprehensive examination in Philosophy at the end of the last year.

SECOND GROUP

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|--------|--|---------------------|
| 103 | <i>Principles of Philosophy</i> (3)
Mon., Wed., and Fri., 9.10 a.m.
Summer Sessions 1935 (3)—daily except Sat., 6.10 p.m., nine weeks' term. | Garnett |
| 111-12 | <i>History of Philosophy</i> (3-3)
Section A, Tues., Thurs., and Sat., 9.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m. | Richardson, Garnett |
| 122 | <i>Inductive and Deductive Logic</i> (3)
Section A, Mon., Wed., and Fri., 5.10 p.m. Section B, Tues., Thurs., and Sat., 10.10 a.m. | Garnett |
| 131 | <i>Aesthetics</i> (2)
Summer Sessions 1935—daily except Sat., 8.40 a.m., six weeks' term. | Garnett |
| 132 | <i>Ethics</i> (3)
Mon., Wed., and Fri., 9.10 a.m. | Garnett |
| 136 | <i>Outlines of Greek and Medieval Thought</i> (3)
Tues., Thurs., and Sat., 10.10 a.m. | Richardson |
| 151 | <i>Problems in the Philosophy of the Sixteenth and Seventeenth Centuries</i> (3)
The doctrines of Bruno, Bacon, Descartes, Malebranche, Spinoza, Leibniz, and Newton. Mon., Wed., and Fri., 5.10 p.m. | Garnett |
| 155-56 | <i>Philosophical Movements in the Eighteenth Century</i> (3-3)
Ability to read French and German is desirable. (Not offered in 1935-36.) | Garnett |

163-64 *Philosophy of Religion* (3-3)
Mon., Wed., and Fri., 5.10 p.m.

Richardson

THIRD GROUP

221-22 *Research* (3-3)
The Clarke-Leibniz Controversy. Tues., 7.10 to 9 p.m.

Garrett

PHYSICAL EDUCATION FOR MEN

James Ebenezer Pixlee, B.S., *Professor of Physical Education for Men, Executive Officer.*

William J. Reinhart, B.S., *Associate Professor of Physical Education for Men.*

William Henry Myers, A.B., *Assistant Professor of Physical Education for Men.*

Claud Max Farrington, A.B., B.S., A.M., *Instructor in Physical Education for Men.*

Jean Elyle Sexton, A.B., *Instructor in Physical Education for Men.*

This Department includes all the recognized athletic activities of the men students of the University.

A minimum of four semester-hours in Physical Education selected from Physical Education activity courses is required for graduation and is compulsory for all freshman and sophomore men except those exempt under the regulations stated on page 69.

Upon entering the University all students are given a complete medical examination and a physical-efficiency test of general bodily skills. After these tests are satisfied, the student is assigned to restrictive or elective work. The Department furnishes gymnasium uniforms and personal equipment upon a small payment, and also locks upon payment of a deposit.

If the physical-efficiency test is passed satisfactorily, free election is allowed to every freshman and sophomore student of the following activity courses: Physical Education 31-32, 33, 34, 35-36, 37-38, 39-40, and others which may be established from time to time.

Minimum requirements for the major, Dual-Major Teacher's Course.—Twenty-four semester-hours of Physical Education courses, including all required courses, in addition to the following prerequisites: English 1-2; Psychology 1; Zoology 1-2; six semester-hours of elective Social Science; Physical Education 50, 51, 52, and 57; and four hours of activity Physical Education.

Minimum requirements for the major, Single-Major Teacher's Course.—Thirty semester-hours of Physical Education courses, including all required courses, in addition to the following prerequisites: English 1-2; Psychology 1; Zoology 1-2; six semester-hours of elective Social Science; Physical Education 50, 51, 52, 57, and 59-60; and four hours of activity Physical Education.

Minimum requirements for the minor.—Twelve semester-hours of Physical Education courses numbered above 100, including Physical Education 106 and 131, in addition to the following prerequisites: English 1-2; Psychology 1; Zoology 1-2; six semester-hours of elective Social Science; and Physical Education 50, 51, and 57. This satisfies both Physical Education curricula.

FIRST GROUP

15-16 *Physical Education Activity (1-1)*

The Staff

Summer Sessions 1935—June 10-September 7, hours to be arranged.

- 17-18 *Freshman Physical Education* (1-1) Section
 Section A, Mon. and Wed., 9.10 a.m. Section B, Tues. and Thurs., 10.10 a.m. Section C, Tues. and Thurs., 12.10 p.m.
- 19-20 *Freshman Individual Gymnastics* (1-1) Sexton, Myers
 Corrective and remedial exercises. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Tues., Thurs., and Sat., 10.10 a.m.
- 21-22 *Apparatus and Tumbling* (1-1) Farrington
 Hours to be arranged.
- 23-24 *Sophomore Physical Education* (1-1) Section
 Continuation of Physical Education 17-18. Four separate lines of activity are required. Section A, Tues. and Thurs., 10.10 a.m. Section B, Tues. and Thurs., 11.10 a.m.
- 25-26 *Sophomore Individual Gymnastics* (1-1) Farrington, Myers
 Continuation of Physical Education 19-20. Hours to be arranged.
- 27-28 *Elementary Swimming* (1-1) Farrington
 Section A, Mon. and Wed., 9.10 a.m. Section B, Tues. and Thurs., 9.10 a.m.
- 29-30 *Advanced Swimming* (1-1) Farrington
 Section A, Mon. and Wed., 10.10 a.m. Section B, Tues. and Thurs., 10.10 a.m.
- 31-32 *Basketball* (1-1) Reinhart
 Hours to be arranged.
- 33 *Football* (1) Pixlee and Staff
 Hours to be arranged.
- 34 *Baseball* (1) Farrington
 Hours to be arranged.
- 35-36 *Track* (1-1) Sexton
 Hours to be arranged.
- 37-38 *Tennis* (1-1) Farrington
 Hours to be arranged.
- 39-40 *Golf* (1-1) Sexton
 Hours to be arranged.
- 50 *Playground and Community Recreation* (2) Myers
 Tues. and Thurs., 1.40 p.m.
- 51 *Anatomy and Physiology* (3) Myers
 Prerequisite: Zoology 1-2. Mon., Wed., and Fri., 1.40 p.m.
- 52 *First Aid and Care of Athletic Injuries* (2) The Staff
 Prerequisite: Physical Education 51; Zoology 1-2. Tues. and Thurs., 1.40 p.m.

- 53 *Administration of Intramural Activities* (2) Farrington
Tues. and Thurs., 2.40 p.m.
- 54 *Personal Hygiene* (2) Farrington
Prerequisite: Physical Education 51; Zoology 1-2. Tues. and
Thurs., 10.10 a.m.
- 55-56 *Orientation in Physical Education* (2-2) Myers
Summer Sessions 1935—June 10-September 7, daily except
Sat., 9.40 a.m.
- 57 *Principles of Play* (2) Farrington
Tues. and Thurs., 1.40 p.m.
- 59-60 *Theoretical and Practical Study of Fundamental Skills in Major
and Minor Sports* (2-2) Myers
Tues. and Thurs., 8.10 a.m.
- 61-62 *Theoretical and Practical Study of the Technique Employed in
Team Fundamentals of Major and Minor Sports* (2-2) Reinhart
Tues. and Thurs., 9.10 a.m.
- 63-64 *Anatomy and Physiology in Physical Education* (2-2) Myers
Summer Sessions 1935—June 10-September 7, daily except
Sat., 10.40 a.m.

SECOND GROUP

- 105 *Teaching Technique and Methods in Physical Education* (3) The Staff
Prerequisite: Physical Education 17-18. Mon., Wed., and Fri.,
10.10 a.m.
Physical Education 105x—same as Physical Education 105,
but offered second semester. Mon., Wed., and Fri., 10.10 a.m.
- 106 *Administration and Organization of Physical Education* (3) Farrington
Tues., Thurs., and Sat., 9.10 a.m.
Summer Sessions 1935 (2-2)—June 10-September 7, daily
except Sat., 10.40 a.m.
- 108 *Applied Anatomy and Kinesiology* (3) Myers
Prerequisite: Physical Education 51; Zoology 1-2. Mon., Wed.,
and Fri., 10.10 a.m.
- 109 *History of Physical Education* (2) Myers
Tues. and Thurs., 11.10 a.m.
- 112 *Physiology and Exercise* (2) Myers
Prerequisite: Physical Education 51 and 108; Zoology 1-2.
Tues. and Thurs., 10.10 a.m.

- 113 *Administration and Supervision of Health Education* (2) Myers
Application of principles to health service in public schools.
Prerequisite: Physical Education 51; Zoology 1-2. Mon. and
Wed., 11.10 a.m.
- 115-16 *Systems and Coaching Methods of Major and Minor Sport Ac-
tivities* (2-2) Pixlee, Reinhart
Prerequisite: Physical Education 59-60 and 61-62. First
semester: Tues. and Thurs., 12.10 p.m. Second semester:
Tues. and Thurs., 1.40 p.m.
- 117-18 *Psychology of Athletics and of Coaching* (2-2) Reinhart
Prerequisite: Psychology 1. First semester: Wed. and Fri.,
10.10 a.m. Second semester: Wed. and Fri., 2.40 p.m.
- 128 *Corrective Physical Education* (3) Myers
Prerequisite: Physical Education 51 and 105; Zoology 1-2.
Mon., Wed., and Fri., 10.10 a.m.
- 129-30 *Observation and Cadet Teaching* (3-3) The Staff
Required of all major students. Assignments are made with
schools in Washington and vicinity. Four hours of this practice
must be had in the high schools of junior or senior rank and
two hours in the City Playground Association. Practical
work in Physical Education 17-18 or 23-24. Prerequisite: at
least twelve semester-hours of Physical Education, including
Physical Education 105. Hours to be arranged.
- 131 *Principles of Physical Education* (3) Farrington
Prerequisite: at least twelve semester-hours of Physical Edu-
cation. Mon., Wed., and Fri., 9.10 a.m.
- 132 *Tests and Measurements in Physical Education* (2) Myers
Criticism of the various types of tests and discussion of sta-
tistical methods. Mon. and Wed., 11.10 a.m.
- 134 *Administration and Supervision of Park, City, and School Play-
ground Activities* (2) Myers
Field trips, observation, and practical work. Prerequisite:
Physical Education 50. Hours to be arranged.

THIRD GROUP

- 251-52 *Test Construction in Physical Education* (3-3) Pixlee, Myers
Prerequisite: Physical Education 132. Fri., 7.30 to 9.30 p.m.
- 253-54 *Seminar in Physical Education Curriculum* (3-3) Pixlee, Myers
Hours to be arranged.

PHYSICAL EDUCATION FOR WOMEN

Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women, Executive Officer.*

Helen Bennett Lawrence, B.S., *Assistant Professor of Physical Education for Women.*

Maude Nelson Parker, *Lecturer in Physical Education for Women.*

Ruth Aubeck Foster, B.S., *Instructor in Physical Education for Women.*

Helen Margaret Lea, A.M., *Instructor in Physical Education for Women.*

Two years of Physical Education (Physical Education 1-2 and 11-12) are required of all women for graduation, except students exempt under the regulations stated on page 69. In the spring and fall a complete medical and physical examination is given to each student for the purpose of discovering individual needs and testing results. Those students whose examinations indicate irregularities are assigned to a program especially adapted to their needs. This limited program includes moderate sports and individual gymnastics in small groups under careful supervision.

The required costume for Physical Education work may be purchased at the University Store.

Minimum requirements for the major.—English 1-2 and 51-52 or 91-92; six credits in Social Science; Zoology 1-2 and 55; Physiology 116; Psychology 1 and 22; three credits in Secondary Education; Education 115, 116, 129, and 130; Physical Education 1-2, 11-12, 13, 14, 15-16, 18, 101-2, 105, 107, 109-10, 111, 112, 113-14, 116, 117, and 118.

Students desiring to prepare themselves to teach another subject in addition to Physical Education may do so by choosing their elective hours in one subject-matter group upon the advice of the Executive Officer.

Fees.—For a statement of locker-rental fees, see page 57.

FIRST GROUP

1-2 *Freshman Physical Education (1-1)*

The Staff

One lecture on personal hygiene and two periods of activity a week.

Personal Hygiene: Study of a well-balanced program for daily living based on the general physiological laws of personal hygiene. Mon., 12.10 p.m.

Activities: In the fall season freshmen may elect soccer or field hockey; in the winter season, modern dance or body mechanics; in the spring season, elementary, intermediate, or advanced swimming or (for those who pass the swimming test) archery, golf, tennis, baseball, or riding. Section A, Mon. and Wed., 1.40 p.m. Section B, Tues. and Thurs., 1.40 p.m. Section C, Mon. and Wed., 2.40 p.m. Section D, Tues. and Thurs., 2.40 p.m.

11-12 *Sophomore Physical Education (1-1)*

The Staff

Two periods of activity a week. In the fall season students may elect field hockey, soccer, golf, archery, tennis, or riding; in the winter season, modern dance, body mechanics, clog and folk dancing, basketball, or volley ball; in the spring season, swimming or (for those who pass the swimming test) tennis, golf, archery, riding, or baseball. Section A, Mon. and Wed., 1.40 p.m. Section B, Tues. and Thurs., 1.40 p.m. Section C, Mon. and Wed., 2.40 p.m. Section D, Tues. and Thurs., 2.40 p.m. Section E, Mon. and Wed., 11.10 a.m. Section F, Tues. and Thurs., 11.10 a.m.

13 *Physical Education Program for the Elementary School and Junior High School (3)*

Atwell

Biological interpretations of play; characteristics of the different age-periods of the child, with the adaptation of physical activities to these periods; practice in activities for these ages, including graded games, story plays, elementary rhythms, tumbling and stunts, and folk dancing. Tues. and Thurs., 3.40 to 5 p.m.

14 *Playground Administration (3)*

Parker

Playground management, equipment, and activities; practice teaching on the playgrounds of Washington. Tues. and Thurs., 3.40 to 5 p.m.

15-16 *Theory and Practice of Physical Education Activities (3-3)*

The Staff

Practice and methods of teaching, with opportunities for practice teaching in the following activities: Danish gymnastics, apparatus, swimming, tennis, field hockey, archery, golf, basketball, baseball, track and field events, folk dancing, tap and clog dancing, dance composition, rhythmic analysis, and modern dance. Fri., 1.40 to 4.30 p.m., and other hours to be arranged.

18 *Kinesiology (3)*

Foster

A study of the anatomical mechanism of movement; analysis of the action of the muscles in physical education activities. Prerequisite: Zoology 1-2 and 55. Mon., Wed., and Fri., 10.10 a.m.

SECOND GROUP

101-2 *Therapeutic Gymnastics and Physical Examinations (3-3)*

Lawrence

Theory and mechanics of postural defects, with practice in exercises adapted thereto; physical-examination methods used in the diagnosis of physical defects. Prerequisite: Physical Education 18; Zoology 1-2 and 55. Mon., Wed., and Fri., 11.10 a.m.

- 105 *School Health Administration* (3) Lea
Principles underlying the school health program; study of the teaching of hygiene at various school levels. Mon., Wed., and Fri., 10.10 a.m.
- 107 *First Aid to the Injured* (1) Lawrence
Procedure in case of accident in gymnasiums, athletic fields, or playgrounds. Red Cross diploma in first aid may be won. Hours to be arranged.
- 109-10 *Theory and Practice of Physical Education Activities* (3-3) The Staff
Continuation of Physical Education 15-16. Fri., 1.40 to 4.30 p.m., and other hours to be arranged.
- 111 *History and Principles of Physical Education* (3) Atwell
Prerequisite: Physical Education 13 and 14. Mon., Wed., and Fri., 9.10 a.m.
- 112 *Organization and Administration of Physical Education* (3) Atwell
Organization and administration of physical education in elementary and secondary schools, colleges, and recreational centers. Prerequisite: Physical Education 13, 14, and 15-16. Mon., Wed., and Fri., 9.10 a.m.
- 113-14 *Theory and Practice of Physical Education Activities* (2-2) The Staff
Continuation of Physical Education 109-10. Fri., 1.40 to 4.30 p.m., and other hours to be arranged.
- 116 *Advanced Therapeutic Gymnastics* (2) Lawrence
Prerequisite: Physical Education 18 and 101-2; Zoology 1-2 and 55. Hours to be arranged.
- 117 *Tests and Measurements in Physical Education* (2) Atwell
Tues. and Thurs., 11.10 a.m.
- 118 *Camp Leadership* (1) Atwell
Readings, lectures, and field trips designed for the training of camp counselors. Thurs., 7 to 9 p.m.
- 129-30 *Observation and Cadet Teaching* (3-3) The Staff
Hours to be arranged.

THIRD GROUP

- 121-12 *Seminar: Current Problems in Physical Education* (3-3) Atwell
Survey and evaluation of current trends, including a study of published researches in this field. Open to graduate students only. Tues. and Thurs., 5.10 p.m.

PHYSICS

Thomas Benjamin Brown, Ph.D., *Professor of Physics, Executive Officer.*

Walter Lynn Cheney, Ph.D., *Professor of Physics.*

George Gamow, Physics D., *Professor of Theoretical Physics.*

—, *Visiting Professor of Physics.*

Raymond John Seeger, Ph.D., *Assistant Professor of Physics.*

Malcolm Taylor, A.M., *Associate in Physics.*

Minimum requirements for the major.—Physics 101, 102, and 114; Mathematics 132; and at least twelve additional semester-hours in Physics, including one of the following: Physics 133, 134, 135, 136. Candidates for the Bachelor of Science degree in Physics will include Mathematics 171. For students who desire a broader and more general preparation in Chemistry, Mathematics, and Physics combined, a group major may be arranged with the executive officers of the several Departments.

Fees.—For a statement of laboratory fees, see page 57.

FIRST GROUP*

- 3 *Introduction to Physical Science* (3) Seeger and Staff
Tues. and Sat., 10.10 a.m., and Thurs., 10.10 a.m. to 1 p.m.
(Chemistry 4 is a continuation of this course.)
- 11 *Properties of Matter, Statics, and Heat* (3) Seeger and Staff
Sections A, B, and C, Mon. and Fri., 11.10 a.m. Sections D and E, Mon. and Fri., 5.10 p.m. Laboratory: section A, Wed., 1.40 to 4.30 p.m.; section B, Thurs., 1.40 to 4.30 p.m.; section C, Fri., 1.40 to 4.30 p.m.; section D, Wed., 6.30 to 9.30 p.m.; section E, Thurs., 6.30 to 9.30 p.m.
Physics 11x—same as Physics 11, but offered second semester
Mon. and Fri., 11.10 a.m. Laboratory: section A, Tues., 1.40 to 4.30 p.m.; section B, Wed., 1.40 to 4.30 p.m.
- 12 *Electricity and Magnetism* (3) Cheney and Staff
Prerequisite: Physics 3 or 11.* Section A, Wed. and Fri., 11.10 a.m., and Mon., 1.40 to 3.30 p.m. Section B, Wed. and Mon., 11.10 a.m., and Thurs., 1.40 to 3.30 p.m. Section C, Tues. and Thurs., 11.10 a.m., and Fri., 1.40 to 3.30 p.m. Section D, Tues. and Thurs., 11.10 a.m., and Sat., 11.10 a.m. to 1 p.m. Section E, Tues. and Sat., 11.10 a.m., and Thurs., 11.10 a.m. to 1 p.m.

*Physics 12, 13, and 14 constitute the general course in Physics. Students who have credit for high school Physics from an accredited high school may, with the permission of the Physics Department, omit Physics 3 or 11 as a prerequisite to Physics 12 and 13.

Before completing registration for Physics 3, 11, 12, or 13, each student must obtain from the representative of the Department an assignment to a class section.

Section F, Tues. and Thurs., 5.10 p.m., and Wed., 6.30 to 8.30 p.m. Section G, Tues. and Sat., 5.10 p.m., and Fri., 6.30 to 8.30 p.m. Section H, Tues. and Sat., 5.10 p.m., and Thurs., 6.30 to 8.30 p.m.

Summer Sessions 1935 (3)—Mon., Wed., and Fri., 10.40 a.m., and Tues. and Thurs., 9.40 to 11.40 a.m., nine weeks' term (Seeger).

- 13 *Mechanics, Sound, and Light* (3) Brown, Cheney, and Staff
Prerequisite: Physics 3 or 11.* Section A, Wed. and Mon., 11.10 a.m., and Tues., 1.40 to 3.30 p.m. Section B, Wed. and Fri., 11.10 a.m., and Mon., 1.40 to 3.30 p.m. Section C, Thurs. and Tues., 11.10 a.m., and Sat., 11.10 a.m. to 1 p.m. Section D, Thurs. and Sat., 11.10 a.m., and Tues., 11.10 a.m. to 1 p.m. Section E, Thurs. and Tues., 5.10 p.m., and Mon., 6.30 to 8.30 p.m. Section F, Thurs. and Tues., 5.10 p.m., and Fri., 6.30 to 8.30 p.m. Section G, Thurs. and Sat., 5.10 p.m., and Tues., 6.30 to 8.30 p.m.

Summer Sessions 1935 (3)—Mon., Wed., and Fri., 6.10 p.m., and Tues. and Thurs., 6.30 to 8.30 p.m., nine weeks' term (Brown, Seeger).

- 14 *Introduction to Modern Physics* (2) Brown and Staff
Prerequisite: Physics 12 and 13. Section A, Wed. and Fri., 11.10 a.m. Section B, Tues. and Thurs., 5.10 p.m.

Summer Sessions 1935 (2)—daily except Sat., 5.10 p.m., six weeks' term.

SECOND GROUP

- 101 *Electricity and Magnetism* (4) Cheney
Prerequisite: Mathematics 19 and 20; Physics 12, 13, and 14. Mon., Wed., and Fri., 5.10 p.m.; laboratory Tues., 6.30 to 9 p.m.

- 102 *Mechanics* (4) Cheney
Prerequisite: Mathematics 19 and 20; Physics 12 and 13. Mon., Wed., and Fri., 5.10 p.m.; laboratory Tues., 6.30 to 9 p.m.

- 113 *Kinetic Theory and Heat* (3) Cheney
Mathematics 19 and 20; Physics 12, 13, and 14. (Offered in alternate years, not in 1935-36.)

- 114 *Atomic Physics* (3) Seeger
Prerequisite: Mathematics 19 and 20; Physics 12, 13, and 14. Mon., Wed., and Fri., 5.10 p.m.

- 115 *Oscillations and Acoustics* (3) Cheney
Prerequisite: Mathematics 19 and 20; Physics 12, 13, and 14;

* See footnote, page 286.

Physics 102 or Civil Engineering 131. Mon., Wed., and Fri.
6.10 p.m.

116 *Optics* (3) Cheney
Prerequisite: Mathematics 19 and 20; Physics 12, 13, and 14.
Mon., Wed., and Fri., 6.10 p.m.

133 *Electron Tubes* (3) Brown
Prerequisite: Physics 101. (Offered in alternate years, not in
1935-36.)

134 *Electrical Oscillations and Waves* (3) Brown
Prerequisite: Physics 101 and 115. (Offered in alternate years,
not in 1935-36.)

135 *Spectroscopy* (3) Brown
Prerequisite: Physics 114. Wed. and Fri., 7.10 to 9 p.m.

136 *Optical Measurements* (3) Brown
Prerequisite: Physics 116. Wed. and Fri., 7.10 to 9 p.m.

THIRD GROUP

201-2 *Fundamental Concepts of Modern Physics* (3-3) Gamow
Prerequisite: Physics 114. Mon., Wed., and Fri., 5.10 p.m.

213-14 *Dynamics* (3-3) Brown
Prerequisite: Mathematics 132 and 171; Physics 102 and 115.
Mon., Wed., and Fri., 6.10 p.m.

223-24 *Electric and Magnetic Fields* (3-3) Brown
Prerequisite: Mathematics 132 and 171; Physics 101 and 116.
(Offered in alternate years, not in 1935-36.)

233 *Principles of Thermodynamics* (3) Seeger
Prerequisite: Mathematics 132; Physics 113. Tues., Thurs., and
Sat., 5.10 p.m.

245 *Atomic Structure* (3) Seeger
Prerequisite: Physics 258. (Offered in alternate years, not in
1935-36.)

256 *Statistical Mechanics* (3) Seeger
Prerequisite: Physics 114 and 233. Tues., Thurs., and Sat.,
5.10 p.m.

258 *Quantum Mechanics* (3) Seeger
Prerequisite: Mathematics 132; Physics 114. (Offered in alter-
nate years, not in 1935-36.)

291-92 *Seminar: Theoretical Physics* (2-2) Gamow
Mon., 8.10 to 10 p.m.

297-98 *Research (3-3)*

Hours to be arranged.

SPECIAL METHOD COURSE

Biology 172, *Teaching of Science.*

The Staff

PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Professor of Physiology, Executive Officer.*

Chester Elwood Leese, Ph.D., *Assistant Professor of Physiology.*

Wade Hampton Marshall, Ph.D., *Instructor in Physiology.*

Alma Fogelberg, M.S., *Instructor in Physiology.*

116 *General Physiology (3)*

Leese, Fogelberg

A study of the fundamentals of Physiology. Lectures and laboratory Mon., Wed., and Fri., 9 to 11 a.m.

118 *Fundamentals of Physiology*

Albritton and Staff

Lectures, demonstrations, and conferences on fundamental principles dealing with General Physiology, including a consideration of biophysics, the application of the physical and mathematical sciences to the study of life phenomena, and their relation to medical science. Two hours a week.

219 *Mammalian and Human Physiology*

Albritton and Staff

Lectures, demonstrations, and laboratory exercises dealing with the physiology of muscle, nerve, reflexes, blood, circulation, respiration, digestion, secretion, absorption, metabolism, the central nervous system, special senses, internal secretion, and reproduction. In the laboratory special consideration is given to mammalian work. Emphasis is placed on a review of the new literature, and training is given in methods of quantitative physiological observations. Two hours of lectures and ten hours of laboratory work a week.

221-22 *Introduction to Research*

The Staff

Three hours a week.

223-24 *Seminar: Advanced Physiology (elective)*

Albritton and Staff

A series of lectures upon the judgment of evidence in medical investigation, followed by detailed study of elective subjects, with special emphasis upon recent literature. Hours to be arranged.

225-26 *Research*

Albritton and Staff

Hours and credits to be arranged.

POLITICAL SCIENCE

Charles Edward Hill, Ph.D., *Professor of Political Science.*
 Warren Reed West, Ph.D., *Professor of Political Science, Executive Officer.*
 Charles Emanuel Martin, Ph.D., *Visiting Professor of Political Science.*
 John Albert Tillema, Ph.D., LL.M., S.J.D., *Associate Professor of Political Science.*
 William Crane Johnstone, Jr., Ph.D., *Associate Professor of Political Science.*

Minimum requirements for the major.—Political Science 9-10 and twenty-four semester-hours of second- or third-group courses in Political Science or (with specific written approval of the Department of Political Science) in related departments.

FIRST GROUP

The Staff

9-10 *Government of the United States (3-3)*
 Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 11.10 a.m. Section C, Tues., Thurs., and Sat., 9.10 a.m. Section D, Mon., Wed., and Fri., 5.10 p.m. Section E, Mon., Wed., and Fri., 6.10 p.m. Section F, Tues., Thurs., and Sat., 5.10 p.m.

Summer Sessions 1935 (3-3)—Political Science 9, daily except Sat., 5.10 p.m.; Political Science 10, daily except Sat., 6.10 p.m.; nine weeks' term (Martin, Johnstone).

SECOND GROUP

Tillema

111-12 *Comparative European Governments (3-3)*
 Prerequisite: Political Science 9-10. Tues., Thurs., and Sat., 9.10 a.m.

Summer Sessions 1935 (3)—Political Science 111, daily except Sat., 5.10 p.m., nine weeks' term.

115 *Municipal Government (3)*
 Prerequisite: Political Science 9-10. Tues., Thurs., and Sat., 6.10 p.m.

116 *Political Parties (3)*
 Prerequisite: Political Science 9-10. (Not offered in 1935-36.)
 West

117 *Political Theory (3)*
 Prerequisite: Political Science 9-10. Tues., Thurs., and Sat., 5.10 p.m.

- 121-22 *The Constitution of the United States* (3-3) West
Prerequisite: Political Science 9-10. Mon., Wed., and Fri.
10.10 a.m.
- 124 *Legislative Organization* (3) West
Prerequisite: Political Science 9-10. Tues., Thurs., and Sat.
5.10 p.m.
- 127-28 *Commercial and Maritime Law* (3-3) Tillema
Prerequisite: Political Science 9-10. Mon., Wed., and Fri.
5.10 p.m.
Summer Sessions 1935 (1)—Political Science 127, daily
except Sat., 6.10 p.m., nine weeks' term.
- 151-52 *Administration* (3-3) Tillema
Prerequisite: Political Science 9-10. Mon., Wed., and Fri., 9.10
a.m.
Summer Sessions 1935 (2)—Political Science 151, daily except
Sat., 7.40 a.m., six weeks' term.
- 165 *World Politics* (3) Hill
Prerequisite: Political Science 9-10. (Not offered in 1935-36.)
- 171 *International Organization* (3) Johnstone
Prerequisite: Political Science 9-10. Mon., Wed., and Fri.
11.10 a.m.
- 172 *International Politics* (3) Johnstone
Prerequisite: Political Science 9-10. Mon., Wed., and Fri.
11.10 a.m.
- 175 *Diplomatic Law and Procedure* (3)
Prerequisite: Political Science 9-10. (Not offered in 1935-36.)
- 177 *American Diplomacy* (3) Martin
Prerequisite: Political Science 9-10. Summer Sessions 1935—
daily except Sat., 6.10 p.m., nine weeks' term.
- 181-82 *International Law* (3-3) Hill
Prerequisite: Political Science 9-10. Tues., Thurs., and Sat.,
10.10 a.m.
- 186 *Public Opinion* (3)
Prerequisite: Political Science 9-10. Tues., Thurs., and Sat.,
6.10 p.m.
- 191 *The Near East* (3) Johnstone
Prerequisite: Political Science 9-10. Mon., Wed., and Fri.,
6.10 p.m.

- 192 *The Far East* (3) Johnstone
 Prerequisite: Political Science 9-10. Mon., Wed., and Fri.,
 6.10 p.m.
 Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m., nine
 weeks' term.

THIRD GROUP

- 209-10 *Seminar* (3-3) West
 (Not offered in 1935-36.)
 281-82 *Seminar: International Law and Relations* (3-3) Hill
 Mon., 8.10 to 10 p.m.
 Summer Sessions 1935 (2)—Political Science 281, Mon., 8.10
 to 10 p.m., six weeks' term (Martin).

PSYCHIATRY

William Alanson White, A.M., M.D., *Professor of Psychiatry, Executive Officer.*

Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry.*

Nolan Don Charpentier Lewis, M.D., *Clinical Professor of Psychiatry.*

Paul Jacob Ewerhardt, M.D., *Clinical Instructor in Psychiatry.*

John Edward Lind, M.D., *Clinical Instructor in Psychiatry.*

Harriet Elizabeth Twombly, A.B., M.D., *Clinical Instructor in Psychiatry.*

Addison McGuire Duvall, M.D., *Clinical Instructor in Psychiatry.*

Winifred Richmond, Ph.D., *Clinical Instructor in Psychiatry.*

Samuel Alexander Silk, M.D., *Clinical Instructor in Psychiatry.*

Alice Heyl Kiessling, A.B., M.D., *Clinical Instructor in Psychiatry.*

136 *Introductory Medical Psychology (elective)*

Lewis

The theoretical and practical aspects of the constitution, character, and personality as related to Medicine; the psychological features in various diseases, with special attention to the patient's personality; and the different types of character development and their special ways of adaptation. One hour a week.

246 *Organic Psychopathology (elective)*

Hall

The common organic reaction types, illustrated with suitable case presentations. One hour a week.

352 *Psychiatry*

White

A course on the major psychoses, illustrated by the presentation of clinical material and utilized for the purpose of explaining the fundamental psychological mechanisms involved. St. Elizabeth's Hospital, one hour a week.

354 *Personality Adjustments*

Everhardt

Maladaptations occurring in childhood and youth. One hour a week for eight weeks.

441-42 *Ward Walks*

The Staff

The personal examination of the various types of psychosis, and the writing by the student of a formal report of the mental examination, followed by a review of the cases with an instructor. St. Elizabeth's Hospital, two hours a week.

443-44 *Psychoneurosis*

Lewis

A course on the descriptive aspects, the etiology, the psychopathology, and the treatment of the various psychoneuroses,

such as hypochondria, neurasthenia, organ neuroses, compulsions, obsessions, phobias. St. Elizabeth's Hospital, one hour a week for twelve weeks.

445 *Personality Profiles*

Richmond

Utilization of psychological testing methods for the purpose of determining individuals' limitations and special capacities. St. Elizabeth's Hospital, one hour a week for four weeks.

PSYCHOLOGY

Fred August Moss, Ph.D., M.D., *Adjunct Professor of Psychology.*
 Mitchell Dreese, Ph.D., *Associate Professor of Educational Psychology.*
Executive Officer.
 Thelma Hunt, Ph.D., *Assistant Professor of Psychology.*
 Robert Ladd Thorndike, Ph.D., *Assistant Professor of Psychology.*
 William Moore Loman, A.M., *Lecturer in Psychology.*

Minimum requirements for the major.—Six semester-hours of first-group courses in Psychology; twelve semester-hours of second-group courses to be chosen from Psychology 115, 125, 130, 152, 191-92, and Statistics 1; twelve semester-hours elective in Psychology; and twelve semester-hours in related fields outside the Department of Psychology, to be selected in consultation with the Executive Officer.

FIRST GROUP

- 1 *General Psychology* (3) The Staff
 The fundamental principles underlying human behavior. A prerequisite to all other courses in Psychology. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 10.10 a.m. Section C, Tues., Thurs., and Sat., 11.10 a.m. Section D, Mon., Wed., and Fri., 5.10 p.m. Section E, Tues., Thurs., and Sat., 6.10 p.m.
 Psychology 1X—same as Psychology 1, but offered second semester. Mon., Wed., and Fri., 10.10 a.m.
 Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m., nine weeks' term (Thorndike).
- 2 *Applied Psychology* (3) The Staff
 The application of Psychology in business, industry, law, medicine, and education. Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Tues., Thurs., and Sat., 11.10 a.m. Section C, Mon., Wed., and Fri., 5.10 p.m. Section D, Tues., Thurs., and Sat., 6.10 p.m.
 Summer Sessions 1935 (3)—daily except Sat., 6.10 p.m., nine weeks' term (Thorndike).
- 22 *Introduction to Educational Psychology* (3) Dreese
 Individual differences and their educational significance, psychology of learning, special emphasis on adolescence. Prerequisite: Psychology 1. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.

SECOND GROUP

Moss

- 115 *Physiological Psychology* (3)
The biological foundations of behavior, both normal and abnormal. Prerequisite: Psychology 1. Section A, Tues., Thurs., and Sat., 10.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m.

Moss

- 116 *Clinical Psychology* (3)
The causes, diagnosis, and treatment of the various types of mental disorders, together with clinics. Prerequisite: Psychology 1. Section A, Tues., Thurs., and Sat., 10.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m.

Dreese

- 121 *Educational Psychology* (3)
Parallels Psychology 22; designed for teachers of experience and graduate students. Prerequisite: Psychology 1. Mon., Wed., and Fri., 5.10 p.m.
Summer Sessions 1935 (2)—daily except Sat., 11.40 a.m., six weeks' term.

Dreese

- 123 *Psychology of Character* (2)
Prerequisite: Educational Psychology or two years of teaching experience. A survey of factors influencing the personality development of school children. Teachers in service may earn one additional hour of credit by doing laboratory work in the schools. Prerequisite: Psychology 1. Sat., 9.10 to 11 a.m.
Summer Sessions 1935 (2)—daily except Sat., 9.40 a.m., six weeks' term.

Dreese

- 125 *Child Development* (3)
A genetic approach to the study of the child in the home. Prerequisite: Psychology 1. Mon., Wed., and Fri., 2.40 p.m.

Dreese

- 129 *Educational and Vocational Guidance* (2)
Tues., 7.30 p.m.

Hunt

- 130 *Psychological Tests* (3)
A survey of psychological tests and their more common uses in business, industry, law, medicine, and education. Prerequisite: Psychology 1. Material fee, \$3. Tues., Thurs., and Sat., 10.10 a.m.

Dreese

- 134 *Educational Measurements* (2)
The construction and use of the newer types of educational tests. Material fee \$3. Tues., 7.30 p.m.

Loman

- 141 *Industrial Psychology* (3)
Prerequisite: Psychology 1. Tues., Thurs., and Sat., 6.10 p.m.

Loman

- 142 *Psychology of Advertising and Selling* (3)
Prerequisite: Psychology 1. Tues., Thurs., and Sat., 6.10 p.m.

- 143-44 *Personnel Psychology* (3-3) Hunt
 Selection, classification, and other personnel problems, with special emphasis on public personnel work. Prerequisite: Psychology 1. Tues., Thurs., and Sat., 9.10 a.m.
- 152 *Social Psychology* (3) Thorndike
 The principles underlying man's behavior in relation to others. Prerequisite: Psychology 1. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 5.10 p.m.
- 161 *Comparative Psychology* (3) Thorndike
 The evolution of animal behavior from the lowest forms to man. Prerequisite: Psychology 1. Mon., Wed., and Fri., 9.10 a.m. Summer Sessions 1935 (2)—daily except Sat., 7.40 a.m., six weeks' term.
- 191-92 *Experimental Psychology* (3-3) Thorndike
 Technique and application of experimental methods in Psychology. Prerequisite: Psychology 1. Material fee, \$3 a semester. Hours to be arranged.

THIRD GROUP

- 201-2 *Research* (3-3) The Staff
 Admission by permission of the Executive Officer. Hours to be arranged.
- 221-23 *Seminar: Educational Psychology* (3-3) Dreese
 Problems in the psychology of learning, with special reference to character development. Thurs., 7.30 p.m. Summer Sessions 1935 (3)—daily except Sat., 8.40 a.m., six weeks' term.
- 231-32 *Seminar: Test Construction* (3-3) Hunt
 The principles underlying the construction and application of psychological, educational, and vocational tests, with practice in the construction of tests. Wed., 7.30 to 9.30 p.m.

PUBLIC SPEAKING

Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking, Executive Officer.*

Henry Goddard Roberts, A.M., *Assistant Professor of Public Speaking.*

Harold Friend Harding, A.M., *Assistant Professor of Public Speaking.*

Minimum requirements for the major.—Twenty-four semester-hours of second- and third-group courses, including Public Speaking 107 or 122, 141, 142 or 144, and their prerequisites. Nine to fifteen semester-hours may be selected from the following: Public Speaking 126, 128, 191-92; English 117-18, 175, 183, 184; Philosophy 103, 122; Political Science 186; Psychology 152.

FIRST GROUP

- The Staff
- 1 *Principles of Effective Speaking* (3)
 Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon.,
 Wed., and Fri., 10.10 a.m. Section C, Tues., Thurs., and Sat.,
 10.10 a.m. Section D, Mon., Wed., and Fri., 11.10 a.m. Section
 E, Mon., Wed., and Fri., 11.10 a.m. Section F, Mon., Wed., and
 Fri., 5.10 p.m. Section G, Mon., Wed., and Fri., 5.10 p.m.
 Section H, Mon., Wed., and Fri., 6.10 p.m. Section I, Mon.,
 Wed., and Fri., 6.10 p.m.

Public Speaking 1x—same as Public Speaking 1, but offered
 second semester. Section A, Mon., Wed., and Fri., 10.10 a.m.
 Section B, Mon., Wed., and Fri., 11.10 a.m. Section C, Mon.,
 Wed., and Fri., 5.10 p.m.

Summer Sessions 1935 (2)—daily except Sat., 6.10 p.m.,
 nine weeks' term (Harding).

- Yeager
- 2 *Business and Professional Speaking* (3)
 Prerequisite: Public Speaking 1. Section A, Mon., Wed., and
 Fri., 10.10 a.m. Section B, Mon., Wed., and Fri., 6.10 p.m.

- The Staff
- 5 *Argumentation* (3)
 Prerequisite: Public Speaking 1. Mon., Wed., and Fri., 5.10 p.m.
 Public Speaking 5x—same as Public Speaking 5, but offered
 second semester. Section A, Mon., Wed., and Fri., 10.10 a.m.
 Section B, Mon., Wed., and Fri., 11.10 a.m. Section C, Mon.,
 Wed., and Fri., 5.10 p.m. Section D, Mon., Wed., and Fri., 6.10
 p.m.

Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m., nine
 weeks' term (Harding).

8 *Oral Reading* (3)

Tues., Thurs., and Sat., 10.10 a.m.

Harding

SECOND GROUP

107 *Types of Formal Address* (3)

Mon., Wed., and Fri., 11.10 a.m.

Roberts

122 *Advanced Argumentation and Debate* (3)

Prerequisite: Public Speaking 5. Mon., Wed., and Fri., 5.10 p.m.

Yeager

126 *Advanced Debate Practice* (1)

Admission by permission of the instructors. Hours to be arranged.

Roberts, Harding

128 *Advanced Debate Practice* (1)

Prerequisite: Public Speaking 126. Admission by permission of the instructors. Hours to be arranged.

Roberts, Harding

141 *Classical Rhetoric and Oratory* (3)Prerequisite: six hours of Public Speaking and junior standing
Tues. and Thurs., 1.40 to 3 p.m.

Harding

142 *Survey of British Oratory* (3)Prerequisite: six hours of Public Speaking and junior standing
Tues. and Thurs., 1.40 to 3 p.m.

Roberts

144 *Survey of American Oratory* (3)Prerequisite: six hours of Public Speaking and junior standing
(Offered in alternate years, not in 1935-36.)

Yeager

191-92 *History of Rhetorical Theory* (3-3)Prerequisite: Public Speaking 141 and either 142 or 144.
Hours to be arranged.

Harding

THIRD GROUP

221-22 *Seminar* (3-3)

Hours to be arranged.

Yeager

261-62 *Research* (3-3)

Hours to be arranged.

The Staff

ROMANCE LANGUAGES AND LITERATURES

George Neely Henning, A.M., Litt.D., *Professor of Romance Languages, Executive Officer.*

Henry Grattan Doyle, A.M., *Professor of Romance Languages.*

Cecil Knight Jones, B.Litt., *Adjunct Professor of Spanish-American Literature.*

Merle Irving Protzman, A.M., *Associate Professor of Romance Languages*

Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages.*

James Christopher Corliss, A.M., *Assistant Professor of Romance Languages.*

Irene Cornwell, Ph.D., *Assistant Professor of Romance Languages.*

Minimum requirements for the major.—French—twenty-four semester-hours of second- or third-group courses, except 107-8. Spanish—twenty-four semester-hours of second- or third-group courses, except 107-8. Romance Languages—twelve semester-hours of second- or third-group courses, except 107-8, in each language.

Examinations for the purpose of waiving required courses in French and Spanish, as provided on pages 90, 98, and 172, will be both oral and written. Candidates for these examinations should consult the Executive Officer of the Department prior to the date of examination.

FRENCH

FIRST GROUP

†1-2 *First-Year French (3-3)* The Staff
Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Tues., Thurs., and Sat., 10.10 a.m. Section C, Mon., Wed., and Fri., 5.10 p.m. Section D, Mon., Wed., and Fri., 6.10 p.m.
Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term (Deibert).

†5-6 *Second-Year French (3-3)* The Staff
Prerequisite: French 1-2 or two years of high-school French.
Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 10.10 a.m. Section C, Mon., Wed., and Fri., 11.10 a.m. Section D, Tues., Thurs., and Sat., 10.10 a.m. Section E, Mon., Wed., and Fri., 5.10 p.m. Section F, Mon., Wed., and Fri., 6.10 p.m.
Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term (Protzman).

†7-8 *Elementary Conversation** (3-3)

Prerequisite: French 1-2 or two years of high-school French.
Admission by permission of the instructor. (Not offered in 1935-36.)

SECOND GROUP

†107-8 *Advanced Conversation** (3-3)

Prerequisite: French 7-8. (Not offered in 1935-36.)

†115-16 *Survey of French Literature* (3-3)

Cornwell, Deibert

Prerequisite: French 5-6. Section A, Mon., Wed., and Fri., 11.10 a.m. (Section A will be conducted in French in so far as practicable.) Section B, Mon., Wed., and Fri., 6.10 p.m.

†119-20 *Literature of the Sixteenth Century* (3-3)

Protzman

Prerequisite: French 115-16. Tues. and Thurs., 6.10 to 7.20 p.m. (Offered in 1935-36 and alternate years.)

†121-22 *Literature of the Seventeenth Century* (3-3)

Henning

Prerequisite: French 115-16. Mon., Wed., and Fri., 5.10 p.m. (Offered in 1935-36 and alternate years.)

†123-24 *Literature of the Eighteenth Century* (3-3)

Deibert

Prerequisite: French 115-16. Tues. and Thurs., 6.10 to 7.20 p.m. (Offered in alternate years, not in 1935-36.)

†125-26 *The Romantic Movement* (3-3)

Henning

Prerequisite: French 115-16. Mon., Wed., and Fri., 5.10 p.m. (Offered in alternate years, not in 1935-36.)

†127-28 *Literature of the Nineteenth and Twentieth Centuries* (3-3)

Henning

Prerequisite: French 115-16. Mon., Wed., and Fri., 11.10 a.m. (Offered in 1935-36 and alternate years.)

†129-30 *French Drama* (3-3)

Protzman

Prerequisite: French 115-16. (Not offered in 1935-36.)

†139-40 *Modern Fiction* (3-3)

Henning

Prerequisite: French 115-16. Mon., Wed., and Fri., 11.10 a.m. (Offered in alternate years, not in 1935-36.)

THIRD GROUP

†229-30 *Seminar: Molière* (3-3)

Henning

Prerequisite: a second-group course in French literature. Hours to be arranged.

*Neither French 7-8 nor 107-8 may be used to complete curriculum requirements of two years of modern languages, nor may they be counted towards the major requirements.

†249-50 *Old French** (3-3)

Doyle

Prerequisite: elementary knowledge of Latin and a second-group course in French literature. Attention is called to Latin 121 as a desirable preparation for this course. Hours to be arranged.

†251-52 *Middle French* (3-3)

Doyle

Prerequisite: a second-group course in French literature. (Not offered in 1935-36.)

SPANISH

FIRST GROUP

†1-2 *First-Year Spanish* (3-3)

The Staff

Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 10.10 a.m. Section C, Tues., Thurs., and Sat., 10.10 a.m. Section D, Mon., Wed., and Fri., 5.10 p.m.

Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term (Corliss).

†5-6 *Second-Year Spanish* (3-3)

The Staff

Prerequisite: Spanish 1-2 or two years of high-school Spanish. Section A, Mon., Wed., and Fri., 9.10 a.m. Section B, Mon., Wed., and Fri., 10.10 a.m. Section C, Tues., Thurs., and Sat., 11.10 a.m. Section D, Mon., Wed., and Fri., 5.10 p.m.

Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term (Doyle).

†7-8 *Elementary Conversation†* (3-3)

Prerequisite: Spanish 1-2 or two years of high-school Spanish. (Not offered in 1935-36.)

SECOND GROUP

†107-8 *Advanced Conversation†* (3-3)

Prerequisite: Spanish 7-8. (Not offered in 1935-36.)

†115-16 *Survey of Spanish Literature* (3-3)

Doyle, Corliss

Prerequisite: Spanish 5-6. (Not offered in 1935-36.)

†121-22 *Spanish Literature of the Golden Age* (3-3)

Corliss

Mon., Wed., and Fri., 6.10 p.m. (Offered in 1935-36 and alternate years.)

†125-26 *Modern Spanish Literature* (3-3)

Corliss

Mon., Wed., and Fri., 6.10 p.m. (Offered in alternate years, not in 1935-36.)

*Either French 249-50 or Spanish 249-50 will be offered in 1935-36, but not both.

†Neither Spanish 7-8 nor 107-8 may be used to complete the curriculum requirements of two years of modern languages, nor may they be counted towards the major requirements.

- †127-28 *Spanish-American Literature* (3-3) Jones
Tues. and Thurs., 6.10 to 7.20 p.m. (Offered in alternate years; not in 1935-36.)
- 129 *The Literature of Argentina and Uruguay* (3) Jones
Tues. and Thurs., 6.10 to 7.20 p.m. (Offered in 1935-36 and alternate years.)
- 130 *The Modernist Movement in Spanish America* (3) Jones
Tues. and Thurs., 6.10 to 7.20 p.m. (Offered in 1935-36 and alternate years.)

THIRD GROUP

- †225-26 *Seminar in Spanish Literature* (3-3) Jones
The Romantic Movement in Spain. Prerequisite: a second-group course in Spanish literature. Hours to be arranged. (Offered in 1935-36 and alternate years.)
- †227-28 *Seminar in Spanish-American Literature* (3-3) Jones
Prerequisite: a second-group course in Spanish; Spanish 127-28 is recommended. Tues., 7.45 p.m. (Offered in alternate years; not in 1935-36.)
- †249-50 *Old Spanish** (3-3) Doyle
Prerequisite: elementary knowledge of Latin and a second-group course in Spanish literature. Hours to be arranged.

ROMANCE LANGUAGES

SPECIAL METHOD COURSE

- 176 *Teaching of Romance Languages* (2) Doyle
Current methods and materials. Hours to be arranged.

*Either French 249-50 or Spanish 249-50 will be offered in 1935-36, but not both.

SLAVIC LANGUAGES AND LITERATURES

Vladimir Stephanovich Kolesnikoff, M.S., *Lecturer in Russian.*

FIRST GROUP

- 1-2 *First-Year Russian* (3-3) Kolesnikoff
Pronunciation, essentials of grammar, simple composition, and reading. Hours to be arranged.

Summer Sessions 1935 (3-3)—daily except Sat., 6.10 to 8 p.m., nine weeks' term.

- 5-6 *Second-Year Russian* (3-3) Kolesnikoff
Reading of modern Russian; systematic review of grammar; conversation and composition. Hours to be arranged.

SECOND GROUP

- 115 *Survey of Russian Literature* (3) Kolesnikoff
History of Russian literary development; reading in English translation of Russian masterpieces. Hours to be arranged.

Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m., nine weeks' term.

SOCIOLOGY

Elwood Vickers Street, A.M., *Adjunct Professor of Sociology.*

Carl Douglas Wells, Ph.D., *Assistant Professor of Sociology, Executive Officer.*

J. Blaine Gwin, A.B., *Lecturer in Sociology.*

Minimum requirements for the major.—Twenty-four semester-hours of Sociology, including Sociology 27 and 28.

FIRST GROUP

27 *Social Organization* (3) Wells
 Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon.,
 Wed., and Fri., 5.10 p.m.

28 *Social Problems* (3) Wells
 Section A, Mon., Wed., and Fri., 10.10 a.m. Section B, Mon.,
 Wed., and Fri., 5.10 p.m.

SECOND GROUP

115 *Administration of Private Social Work* (3) Street
 Wed., 7.10 to 9 p.m., and field work.

116 *Administration of Public Welfare* (3) Street
 Wed., 7.10 to 9 p.m., and field work.

121 *History of Social Work* (3) Street
 Tues. and Thurs., 5.10 p.m., and field work.

122 *Modern Social Agencies* (3) Street
 Tues. and Thurs., 5.10 p.m., and field work.

155-56 *Social Case Work* (3-3) Gwin
 Tues. and Thurs., 6.10 to 7.30 p.m.

175 *The Modern Family* (3) Wells
 Section A, Mon., Wed., and Fri., 11.10 a.m. Section B, Mon.,
 Wed., and Fri., 6.10 p.m.

186 *Social Disorganization* (3) Wells
 Section A, Mon., Wed., and Fri., 11.10 a.m. Section B, Mon.,
 Wed., and Fri., 6.10 p.m.

THIRD GROUP

201-2 *Proseminar: Comparative Sociology* (3-3)
Thurs., 7.10 to 9.40 p.m.

Wells

215-16 *Seminar* (3-3)

Wells

Community studies and original projects. Hours to be arranged.

STATISTICS

Frank Mark Weida, Ph.D., *Professor of Statistics, Executive Officer.*

Minimum requirements for the major.—Twenty-four semester-hours of second group courses in Statistics and related departments.

FIRST GROUP

- 1 *Elementary Statistics* (3) Weida
Drill in specific applications of the fundamental principles to general problems. Prerequisite: one year of high-school Algebra. Material fee, \$3. Section A, Tues. and Sat., 11.10 a.m. Section B, Mon. and Wed., 5.10 p.m. Laboratory: section M, Thurs., 11.10 a.m. to 1 p.m.; section N, Tues., 7.10 to 9 p.m.
- 2 *Mathematics of Investments* (3) Weida
Prerequisite: at least one entrance unit in Algebra. Mon., Wed., and Fri., 6.10 p.m.

SECOND GROUP

- 101 *Actuarial Theory* (3)
Prerequisite: Mathematics 20; Statistic 1 and 2. (Not offered in 1935-36.)
- 102 *Applied Statistics* (3) Weida
Special topics to meet the individual needs of the student. The class will be divided into sections in which, respectively, the following fields of application will be considered: social sciences, Education and Psychology, Mathematics, biological and physical sciences. Prerequisite: Statistics 1. Material fee, \$4.50. Section A, Mon., 5.10 p.m. Section B, Wed., 5.10 p.m. Section C, Fri., 5.10 p.m. Laboratory: section M, Tues. and Thurs., 11.10 a.m. to 1 p.m.; section N, Tues. and Thurs., 7.10 to 9 p.m.
- 103 *Intermediate Statistics* (3)
Statistical methodology with applications to various fields. Prerequisite: Mathematics 20. (Not offered in 1935-36.)
- 104 *Econometrics* (3)
The mathematical groundwork of Economics. Prerequisite: Mathematics 20. (Not offered in 1935-36.)
- 105 *Method of Least Squares and Theories of Error* (3)
Prerequisite: Mathematics 20. (Not offered in 1935-36.)

1107-8 *Prices and Price Movements* (3-3)

Prerequisite: Economics 1-2; Statistics 101. (Not offered in 1935-36.)

THIRD GROUP

1201-2 *Calculus of Observations* (2-2)

Admission by permission of the instructor. (Not offered in 1935-36.)

203 *Probability* (3)

Weida

Prerequisite: Mathematics 20. Tues., Thurs., and Sat., 6.10 p.m.

1205-6 *Advanced Statistics* (3-3)

Prerequisite: Mathematics 132 (or concurrent registration therefor). (Not offered in 1935-36.)

1207-8 *Seminar: Statistics* (2-2)

Weida

Admission by permission of the instructor. Hours to be arranged.

SURGERY

Charles Stanley White, M.D., *Professor of Surgery, Executive Officer.*
 Daniel LeRay Borden, A.M., M.D., *Associate Professor of Surgery.*
 James Farnandis Mitchell, A.B., M.D., *Clinical Professor of Surgery.*
 Harry Hyland Kerr, M.D.C.M., *Clinical Professor of Surgery.*
 Paul Stirling Putzki, M.D., *Assistant Professor of Surgery.*
 Arch Lockhart Riddick, A.B., M.D., *Assistant Professor of Surgery.*
 William Berry Marbury, M.D., *Assistant Professor of Surgery.*
 Custis Lee Hall, M.D., *Assistant Professor of Surgery.*
 John Hugh Lyons, M.S., M.D., *Assistant Professor of Surgery.*
 Herbert Hermann Schoenfeld, M.D., *Assistant Professor of Surgery.*
 Cline N. Chipman, M.D., *Associate in Anesthesia.*
 Guy Whitman Leadbetter, B.S., M.D., *Associate in Surgery.*
 William Warren Sager, M.S., M.D., *Associate in Surgery.*
 Benjamin Franklin Dean, Jr., A.B., M.D., *Associate in Surgery.*
 Alec Horwitz, M.S., M.D., *Associate in Surgery.*
 Harold Walter Krogh, D.D.S., *Associate in Surgery.*
 Charles Wilbur Hyde, M.D., *Clinical Instructor in Anesthesia.*
 Francis George Speidel, M.D., *Clinical Instructor in Anesthesia.*
 Philip Oscar Pelland, M.D., *Clinical Instructor in Surgery.*
 Stewart Maxwell Grayson, M.D., *Clinical Instructor in Surgery.*
 James Houston Hawfield, M.D., *Clinical Instructor in Surgery.*
 Nathan Norman Smiler, M.D., *Clinical Instructor in Surgery.*
 Richard Knight Thompson, D.D.S., *Clinical Instructor in Surgery.*
 Edward Alexander Cafritz, M.D., *Clinical Instructor in Surgery.*
 Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery.*
 Harry Kaplan, D.D.S., *Clinical Instructor in Surgery.*
 William Wiley Chase, A.B., M.D., *Clinical Instructor in Surgery.*
 Julius Salem Neviaser, A.B., M.D., *Clinical Instructor in Surgery.*
 James Lloyd Collins, A.B., M.D., *Clinical Instructor in Surgery.*
 William Ross Morris, M.D., *Clinical Instructor in Surgery.*

126 *Introductory Surgical Clinics*

White and Staff

Obvious and classical cases are presented to the students, whose background of the structure of the body serves to give them an understanding of the cases. Two hours a week.

325-26 Surgical Technique

Marbury

This course comprises a series of demonstrations of surgical instruments and appliances, with a practical demonstration of their uses. The preparation of the patient, the operating room, the materials commonly used, and the duties of each member of an operating team are carefully presented, with the detailed consideration of minor operations and the post-operative management and complications. As far as possible the lectures will be supplemented by clinical application. One hour a week for twenty weeks.

327-28 General Surgery

Borden

Course of lectures and recitations covering surgical diseases of the neck and chest, herniae, amputations, and pre- and post-operative treatment. One hour a week.

329 Oral Surgery (elective)

Krogh

This course is designed to acquaint the student with the surgical aspects of the teeth and jaw and their general relationship to the other aspects of Surgery. One hour a week for five weeks.

330 Anesthesia (elective)

Chipman

Theoretical and practical instruction is given in the use of general and local anesthetic agents. One hour a week for nine weeks.

331-32 Dispensary Clinic

The Staff

Dispensary instruction in the principles and practice of Surgery. Instruction of small groups is given in General Surgery and the specialties, including anesthesia, neurosurgery, orthopedics, proctology, and oral surgery. University Hospital, one section, two and one-half hours daily; Emergency Hospital, one section, one and one-half hours daily; Providence Hospital, one section, two and three-fourths hours three times a week; Children's Hospital, one section, one and three-fourths hours a week.

333-34 General Surgery

White, Putzki, Riddick

Course of lectures and recitations covering Surgery as applied to the neck, thorax, gastro-intestinal tract, and the bones and skeletal muscles. Two hours a week.

413-14 Special Problems in Surgery (elective)

The Staff

This course is devoted to general surgical diagnosis, with special emphasis on the diagnosis and differential diagnosis of surgical diseases and post-operative complications. One hour a week.

416 Orthopedics (elective)

Hall

The course includes the etiology, pathology, symptomatology, and treatment of congenital and acquired diseases of the bones

and joints, and the clinical instruction in treatment and in the use of appliances for the correction of deformities. One hour a week for sixteen weeks.

417-18 *Private Practice of Surgery (elective)*

White and Staff

Students who elect this course will be given instruction in the private offices of various members of the staff, where they may observe the private practice of surgery.

419 *General Surgery*

Leadbetter

The course covers fractures, dislocations, and complications. One hour a week for twenty weeks.

421-22 *Surgical Clinic*

White, Mitchell, and Staff

Demonstration to the entire class of the various surgical diseases, with stress upon the differential diagnosis and pre- and post-operative care. University Hospital, two hours a week for thirty-two weeks; Gallinger Hospital, four sections, one and one-half hours twice a week for sixteen weeks and one hour a week for sixteen weeks; Emergency Hospital, one hour three times a week; University Hospital, one hour three times a week.

423-24 *Ward Walks*

The Staff

Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Emergency Hospital, one hour three times a week. University Hospital, one hour three times a week.

425-26 *Clinical Clerkship*

The Staff

The students are assigned and required to thoroughly work up the cases for diagnosis and treatment. Gallinger Hospital, two and one-half hours three times a week; Emergency Hospital, two sections, two hours three times a week; University Hospital, two sections, two hours three times a week; St. Elizabeth's Hospital, one fourth of the class, two hours a week.

UROLOGY

- Francis Randall Hagner, M.D., *Professor of Urology, Executive Officer.*
 Frederick August Reuter, M.D., *Clinical Professor of Urology.*
 Homer Gifford Fuller, Ph.B., M.D., *Clinical Professor of Urology.*
 Thomas Carlton Thompson, B.S., M.D., *Associate Professor of Urology.*
 Alan Jeffries Chenery, M.D., *Associate in Urology.*
 Charles Perry Howze, M.D., *Associate in Urology.*
 Miles Parker Omohundro, M.D., *Associate in Urology.*
 Gilbert Ottenberg, A.M., M.D., *Clinical Instructor in Urology.*
 Norvell Belt, A.B., M.D., *Clinical Instructor in Urology.*
 William Glenn Young, M.D., *Clinical Instructor in Urology.*

381-82 Clinics

Reuter and Staff

Clinical demonstration and teaching in the dispensary, with special attention given to venereal cases. Emergency and University Hospitals, one part of each section daily.

471-72 Urology

Thompson

A systematic course of lectures covering the entire field of Urology, including diagnosis, treatment, and morbid pathology. One hour a week.

473-74 Clinics

Hagner, Fuller, Chenery. Thompson

Clinical teaching and demonstrations on the care of urological cases, with special emphasis on the pre- and post-operative management. Gallinger Hospital, one hour a week for twenty-eight weeks. Operative clinics and clinical teaching, including cystoscopy and the use of instruments. Garfield Hospital, one fourth of the class, one and one-half hours a week.

Reuter

476 Urology Seminar (elective)

Special problems, technique, and instrumentation in genito-urinary diseases. One hour a week.

ZOOLOGY*

Paul Bartsch, Ph.D., *Professor of Zoology.*

Donnell Brooks Young, Ph.D., *Professor of Zoology, Executive Officer.*
Assistant Professor of Zoology.

Minimum requirements for the major.—Thirty semester-hours of Zoology, or approved biological subjects, including Zoology 1-2. Premedical students are required to take Zoology 1-2 and 53 or 55, and they may elect another second-group course in Zoology in the second semester of the second year.

Fees.—For a statement of laboratory fees, see page 58.

FIRST GROUP

†1-2 *Introduction to Zoology (3-3)*

The class will meet at three of the listed four periods a week at the discretion of the instructor. Section A, Mon. and Fri., 6.10 p.m. Section B, Tues. and Thurs., 9.10 a.m. Laboratory: section M, Mon. and Wed., 7.30 to 9.20 p.m.; section N, Mon. and Wed., 10.10 a.m. to 12; section O, Tues. and Thurs., 9.10 to 11 a.m.; section P, Tues. and Thurs., 11.10 a.m. to 1 p.m.; section Q, Wed. and Fri., 1.40 to 4.30 p.m.; section R, Tues. and Thurs., 3.10 to 5 p.m.

Summer Sessions 1935 (3-3)—daily except Sat., 5.10 p.m. and 6.10 to 9 p.m., nine weeks' term (Bowman).

5 *Field Zoology (4)*

Summer Sessions 1935—daily except Sat., 7 to 9 a.m., and Sat., 1 to 6 p.m., six weeks' term.

†51-52 *General Entomology (3-3)*

Prerequisite: Zoology 1-2 or Biology 1-2. Wed., 5.10 p.m. laboratory Mon. and Fri., 5.10 to 7 p.m.

53 *Comparative Vertebrate Anatomy (3)*

Prerequisite: Zoology 1-2. Fri., 9.10 a.m. Laboratory: section M, Mon. and Wed., 6.10 to 8 p.m.; section N, Wed. and Fri., 1.40 to 3.30 p.m.

55 *Mammalian Anatomy (3)*

Prerequisite: Zoology 1-2. Fri., 5.10 p.m. Laboratory: section M, Mon. and Wed., 6.10 to 8 p.m.; section N, Wed. and Fri., 1.40 to 3.30 p.m.

*See also the Departments of Biology and Botany, pages 206-11

Summer Sessions 1935 (3)—daily except Sat., 5.10 p.m.; laboratory hours to be arranged; six weeks' term (Bowman).

- 56 *Introduction to Embryology* (3)
Prerequisite: Zoology 53 or 55. Fri., 5.10 p.m.; laboratory hours to be arranged.

SECOND GROUP

- †133-34 *Ornithology* (3-3) Bartsch
The birds of eastern North America. Fri., 6.10 p.m.; laboratory hours to be arranged.
- 135 *Field Ornithology* (3) Bartsch
Summer Sessions 1935—June 3-July 6, daily, 7 to 8.50 a.m.; expedition to Rookeries off Cape Charles July 3-6.
- 137 *Histology* (3) Bartsch
Prerequisite: Zoology 1-2. Fri., 5.10 p.m.; laboratory hours to be arranged.
- 146 *Comparative Embryology* (3)
(Not offered in 1935-36.)
- 151-52 *Applied Entomology* (3-3)
(Not offered in 1935-36.)
- 156 *Parasitology* (3) Bartsch
Prerequisite: Zoology 1-2. Hours to be arranged.
- 161-62 *Ecology* (3-3)
(Not offered in 1935-36.)

THIRD GROUP

- 201-2 *Proseminar in Zoology* (3-3) The Staff
Thurs., 7.10 to 9 p.m.
- 203-4 *Proseminar in Invertebrate Zoology* (3-3) Young
(Not offered in 1935-36.)
- 205-6 *Proseminar in Entomology* (3-3) The Staff
Hours to be arranged.
- †241-42 *Protozoa* (3-3) Young
Hours to be arranged.
- 251-52 *Seminar* (3-3) The Staff
Tues., 7.10 to 9 p.m.
- 253-54 *Research* The Staff
Hours and credits to be arranged.

SPECIAL METHOD COURSE

Biology 172, *Teaching of Science*.

UNIVERSITY ORGANIZATIONS

ALUMNI AND ALLIED ASSOCIATIONS

THE GENERAL ALUMNI ASSOCIATION

The objects of this Association are to unite the graduates in closer sympathy and to promote the general welfare of the University. The following persons are eligible to *active* membership: graduates of any College, School, or Division of the University; holders of honorary degrees from the University; and members of the Board of Trustees and of the Faculty of the University. Any person who has matriculated, who has been in regular attendance for one year, and who has left the University in good standing, is eligible to *associate* membership. The annual meeting is held during Commencement Week.

The office of the Executive Secretary of the Association is located on the first floor of Building O of the University. Alumni are urged to keep the Secretary informed of changes of address or occupation and to supply information with regard to their fellow alumni.

1934-35

President.—Charles Silas Baker, LL.B. 1914 (A.B. 1911, Cornell University; A.M. 1912, Columbia University); Munsey Building, Washington, D.C.

Vice Presidents:

May Paul Bradshaw, A.B. 1909, A.M. 1913; Roosevelt High School, Washington, D.C.

Francis Willis Brown, A.B. 1924, LL.B. 1925, LL.M. 1927; 3416 Morrison Street, Washington, D.C.

H. Velpeau Darling, B.S. in C.E. 1933; 250 Farragut Street, Washington, D.C.

Robert Howe Harmon, M.D. 1929 (A.B. 1915 Millsaps College); Mayflower Hotel, Washington, D.C.

Walton Colcord John, A.B. 1914, A.M. 1915, Ph.D. 1918; Office of Education, Department of the Interior, Washington, D.C.

David Lander Maxwell, Phar.D. 1913; 1801 Eye Street, Washington, D.C.

Ross Snyder, LL.B. 1932; 1416 F Street, Washington, D.C.

Richard Knight Thompson, D.D.S. 1915; 1835 Eye Street, Washington, D.C.

Treasurer.—Roberta Dennis Wright, A.B. in L.S. 1931; 1631 Madison Street, Washington, D.C.

Assistant Treasurer.—Maude Hudson, A.B. 1931; 2310 Ashmead Place, Washington, D.C.

Executive Secretary.—Marcelle LeMénager Lane, A.B. 1928, A.M. 1932; The University.

Executive Committee:

- Daniel LeRay Borden, M.D. 1912, B.S. in Med. 1916, A.M. 1917;
Rochambeau, Washington, D.C.
- Lyman Dishman, LL.B. 1925, A.B. 1931; 1707 Massachusetts Avenue,
Washington, D.C.
- Jessie Fant Evans (Mrs. Joshua Evans, Jr.), A.B. 1913, Ed.D. 1932;
3405 Lowell Street, Washington, D.C.
- Frank Adelbert Hornaday, B.S. 1907, M.D. 1910, M.S. 1928; May-
flower Hotel, Washington, D.C.
- Robert Fleming Fleming, B.S. in E.E. 1908 (M.E. 1910, Cornell
University); Woodward Building, Washington, D.C.
- Ella Morgan Austin Enlows (Mrs. Harold Franklin Enlows), A.B.
1915, M.S. 1916, Ph.D. 1923 (M.D. 1929, Johns Hopkins University);
Rochambeau; Washington, D.C.
- George Maynard Jackson, B.S. in M.E. 1932; 4706 Ninth Street,
Washington, D.C.
- James Robert Kirkland, A.B. 1927, LL.B. 1928, LL.M. 1928; Colorado
Building, Washington, D.C.
- Robert C. McCullough, D.D.S. 1916; 1801 Eye Street, Washington,
D.C.
- Ralph L. Morrison, D.D.S. 1919; 1028 Connecticut Avenue, Wash-
ington, D.C.
- The Honorable John Garland Pollard, LL.B. 1893, LL.D. 1921;
1026 Sixteenth Street, Washington, D.C.
- William Warren Sager, A.B. 1918, M.D. 1922; Rochambeau, Wash-
ington, D.C.
- Paul Edgar Shorb, LL.B. 1920 (A.B. 1917, University of North Dakota);
Union Trust Building, Washington, D.C.
- Ermyntrude Vaiden Stearns (Mrs. Robert M. Stearns), A.B. 1927, A.M.
1931; 1424 Iris Street, Washington, D.C.
- Quentin Durward Watson, A.B. 1932; 250 Farragut Street, Wash-
ington, D.C.

THE GEORGE WASHINGTON LAW ASSOCIATION

The George Washington Law Association is the organization of grad-
uates of the University Law School. Its purposes, as stated in the con-
stitution, are: (1) to promote high standards of legal education; (2) to
keep the alumni of the Law School in closer touch with one another
and especially with members of their own classes; (3) to gather and
publish at intervals information as to the whereabouts and activities of
these alumni; and (4) to further the interests of the Law School.

1934-35

President.—The Honorable John Garland Pollard, LL.B. 1893, LL.D.
1921; 1026 Sixteenth Street, Washington, D.C.

Vice Presidents:

Clarence Altha Miller, LL.B. 1919, LL.M. 1921; Union Trust Building, Washington, D.C.

Olive Geiger, LL.B. 1921; Bond Building, Washington, D.C.

Paul Edgar Shorb, LL.B. 1920 (A.B. 1917, University of North Dakota); Union Trust Building, Washington, D.C.

Secretary-Treasurer.—Albert Earle Conrads, LL.B. 1932 (A.B. 1923, Cornell University; M.B.A. 1926, University of Pennsylvania); Chandler Building, Washington, D.C.

Executive Committee:

H. Clay Espey, LL.B. 1923, LL.M. 1924; 1107 Woodward Building, Washington, D.C.

Vivian Simpson, A.B. 1925, LL.B. 1927; Rockville, Md.

Thomas Lodge, Columbian Building, Washington, D.C.

THE GEORGE WASHINGTON UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905 by alumni of the School of Medicine. Its purposes are to cultivate friendly relations between the alumni and members of the Faculty by means of social gatherings; to advance medical science; and to further the interests of the University in general.

1934-35

President.—William Warren Sager, A.B. 1918, M.D. 1922; Rochambeau, Washington, D.C.

Vice President.—Benjamin Franklin Dean, Jr., M.D. 1923, A.B. 1926 (M.S., University of Minnesota); 815 Connecticut Avenue, Washington, D.C.

Secretary.—Robert Mesten Bolton, M.D. 1931; 1835 Eye Street, Washington, D.C.

Treasurer.—Beveridge Miller, A.B. 1927, M.D. 1931; 1028 Connecticut Avenue, Washington, D.C.

THE SCHOOL OF EDUCATION ASSOCIATION

This Association was organized in 1932 by alumni of the School of Education. Its purpose is to cultivate a closer relationship between the Faculty and alumni of the School and to further the interests of the University in general.

1934-35

President.—Agnes Inch Kinnear (Mrs. Francis D. Kinnear), A.B. 1923; Eliot Junior High School, Washington, D.C.

Secretary.—Camille DuBose, A.B. and T.D. 1924, A.M. 1931; Gordon Junior High School, Washington, D.C.

THE LIBRARY SCIENCE ALUMNI ASSOCIATION

This Association was organized in 1932 by alumni of the Division of Library Science. Its purpose is to foster a closer relationship between the Faculty and graduates of the Division and to further the interests of the Division of Library Science and the University in general.

1934-35

President.—Lester Allan Smith, A.B. in L.S. 1932; Army Medical Library, Washington, D.C.

Vice President.—Anna M. Link, A.B. in L.S. 1933; Smithsonian Library, Washington, D.C.

Secretary.—Fern Hyatt, A.B. 1925; 2101 F Street, Washington, D.C.

Treasurer.—Miriam B. Ketchum, A.B. in L.S. 1933; Weather Bureau Library, Washington, D.C.

REGIONAL ASSOCIATIONS

1934-35

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF BALTIMORE

President.—Judge Harvey Cleveland Bickel, LL.B. 1914; 110 East Lexington Street, Baltimore, Md.

Secretary.—Marie O'Dea, A.B. 1923, M.S. in Chem. 1923; 202 Monastery Avenue, Baltimore, Md.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF CHICAGO

Presidents.—[Vacant.]

Secretary.—Colonel Howard Wilkinson Hodgkins, B.S. in C.E. 1913, LL.B. 1916; First National Bank Building, Chicago, Ill.

Treasurer.—Roy C. Osgood, LL.B. 1903; First Trust Savings Bank, Chicago, Ill.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF CLEVELAND

President.—Paca Oberlin, LL.B. 1903, LL.M. 1904, M.Dip. 1905, D.C.L. 1911; 3259 Dellwood Road, Cleveland, Ohio.

Vice President.—Hadley Fairfield Freeman, LL.B. 1918; 1310 Hanna Building, Cleveland, Ohio.

Secretary-Treasurer.—Lillian C. Belden, LL.B. 1924; 1531 Standard Building, Cleveland, Ohio.

Executive Committee:

Francis E. Gilfoy, M.D. 1929; 1208 Medical Arts Building, Cleveland, Ohio.

Frank F. Gentsch, LL.B. 1895, LL.M. 1896; 905 Marshall Building, Cleveland, Ohio.

Matthew Singleton Farmer, L.B. 1911; 807 Engineers' Building, Cleveland, Ohio.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF DENVER

President.—Leslie Emmett Bratton, LL.B. 1915 (Graduate 1907, U.S. Naval Academy), Commander, U.S.N.; Capitol Life Building, Denver, Colo.

Secretary-Treasurer.—Ronald Alexander Silver, A.B. 1925; Mountain States Telephone and Telegraph Company, 1416 Curtis Street, Denver, Colo.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB
OF KANSAS CITY, MO.

President.—Edward L. Scheufler, A.B. 1922, LL.B. 1924; 1501-2 Commerce Building, Kansas City, Mo.

Vice President.—C. Earl Hovey, Federal Reserve Bank Building, Kansas City, Mo.

Secretary.—Conger R. Smith, LL.B. 1911; Grand Avenue Temple Building, Kansas City, Mo.

Treasurer.—Albert F. Hillix, LL.B. 1924; 1112 Commerce Building, Kansas City, Mo.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF LOS ANGELES

President.—Kenneth Carson Wiseman, LL.B. 1922; Subway Terminal Building, Los Angeles, Calif.

Secretary.—Mrs. David R. Covell, 1217 Milan Avenue, Pasadena, Calif.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF MILWAUKEE

President.—Eleanore Cushing-Lippitt, M.D. 1916; 425 East Wisconsin Avenue, Milwaukee, Wis.

Vice President.—Morris L. Stern, LL.B. 1906; Century Building, Milwaukee, Wis.

Recording Secretary.—Arnold Clarence Otto, A.B. 1911, LL.B. 1913; 1914 North Prospect Avenue, Milwaukee, Wis.

Corresponding Secretary.—S. Herman Lippitt, M.D. 1915; 425 East Wisconsin Ave., Milwaukee, Wis. (Deceased.)

Treasurer.—Ralph Waldo Brown, LL.B. 1918; 314 Wells Building, Milwaukee, Wis.

Directors:

Gail Fitch Moxon, A.B. 1917; 3016 North Hackett Avenue, Milwaukee, Wis.

William C. Lyon, LL.B. 1922, LL.M. 1923; 2950 North Forty-ninth Street, Milwaukee, Wis.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF NEW YORK
President.—Harry Turner Newcomb, LL.B. 1891, LL.M. 1892; 32 Nassau Street, New York City.

First Vice President.—Fritz von Briesen, LL.M. 1901, D.C.L. 1902; 50 Church Street, New York City.

Second Vice President.—Wallace D. McLean, LL.B. 1898; 469 Fifth Avenue, New York City.

Secretary.—Mary Esther Croggon, LL.B. 1929; 67 Park Avenue, New York City.

Treasurer.—Ralph H. Riddleberger, LL.B. 1897, LL.M. 1898; 33 West Forty-second Street, New York City.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF PHILADELPHIA
President.—William Ellis Zimmerman, A.B. 1922; 109 East Main Street, Lansdale, Pa.

Secretary.—George Stoughton Ellis, LL.B. 1923; 737-38 Commercial Trust Building, 16 South Broad Street, Philadelphia, Pa.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF RICHMOND
President.—John A. Rollings, M.D. 1912; 407 West Grace Street, Richmond, Va.

Vice President.—Mrs. Arthur Loyola Lanigan, A.B. 1925; 4532 West Seminary Avenue, Richmond, Va.

Secretary.—John Knowles Hyde, A.B. 1929; 1319 Nottoway Avenue, Richmond, Va.

Publicity Chairman.—Howard Mason Baggett, A.B. 1927; 205 Law Building, Richmond, Va.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF SAN FRANCISCO
President.—F. Howard Seely, B.S. 1888; 690 Market Street, San Francisco, Calif.

Secretary.—Orville R. Vaughn, LL.B. 1916; 1601 Van Ness Avenue, San Francisco, Calif.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF UTAH
President.—William Francis Beer, M.D. 1892; Boston Building, Salt Lake City, Utah.

Vice President.—John Jensen, LL.B. 1909; 920 Continental Bank Building, Salt Lake City, Utah.

Secretary-Treasurer.—Moses Logan Rich, LL.B. 1928; State Capitol Building, Salt Lake City, Utah.

THE GRADUATE ENDOWMENT FUND

The Graduate Endowment Fund was founded by the Classes of 1926 with the object of providing endowment to be used for the development of the University. Membership is limited to seniors and graduates who sign a pledge of \$100, payable annually in ten equal instalments.

The pledge notes and funds are held in trust. When the principal reaches the sum of \$100,000 the Board of Administrators of the Fund may pay to the University such sums as it may vote for erection of buildings, acquisition of sites, maintenance, and purchase of equipment. At no time may money be drawn so as to leave a balance of less than \$50,000 on deposit.

On request the Alumni Secretary of the University will furnish pledge blanks to alumni.

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THE COLUMBIAN WOMEN

The objects of this organization are (1) the promotion of acquaintance among its members; (2) the advancement of women by the founding of scholarships in the various departments of the University, and by every other possible means; and (3) the promotion of the interests of the University in every way.

MEMBERSHIP

1. The following persons shall be eligible for active membership:
 - (a) Any woman who for one year has been a regularly registered student in The George Washington University, provided that she shall have received credit for thirty hours of work.
 - (b) Any woman member of the Faculties, Council, or Board of Trustees; any woman on the administrative staff; the wife or recognized head of the household of any member of the Faculties, Council, Board of Trustees, or the administrative staff.
 - (c) Any woman recipient of an honorary degree from the University.

* Elected by the subscribers.

2. The following persons shall be eligible for associate membership
 (a) Graduate women students upon their registration in the University.
 (b) Wives of graduate men students upon the registration of the latter at the University.

Associate members shall have all privileges and obligations of membership except those of voting and holding office.

1934-35

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STUDENT ORGANIZATIONS

HONOR SOCIETIES

Alpha Eta Epsilon.—A national dramatic fraternity for men and women.

Alpha Lambda Delta.—A national fraternity for freshman women who attain a scholastic average of at least 3.50.

Delphi.—An intersorority society.

Delta Sigma Rho.—A debate organization for students majoring in Public Speaking.

Gamma Eta Zeta.—A journalistic fraternity for women.

Gate and Key.—An interfraternity society.

Hour Glass.—A society for women for the purpose of promoting high scholarship and an interest in student affairs.

Omicron Delta Kappa.—A national fraternity emphasizing leadership in extracurricular activities.

Order of the Coif.—A national legal society the purpose of which is to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship.

Phi Eta Sigma.—A national fraternity for freshman men who attain a scholastic average of at least 3.50.

Phi Sigma Rho.—A philosophic society.

Pi Delta Epsilon.—A national journalistic fraternity.

Pi Gamma Mu.—A national social-science society.

Sigma Delta Phi.—A national fraternity in the speech arts for women.

Sigma Tau.—An engineering fraternity.

Smith-Reed-Russell Society.—A scholastic society in the School of Medicine. Students of the third and fourth years maintaining a scholastic average of 86 per cent are eligible for membership. Second-year students who have maintained this average are eligible for associate membership.

Steel Gauntlet.—An organization for outstanding men in the Junior Class.

Sphinx.—A women's society established for the purpose of promoting high scholarship. Membership is limited to seven students.

William Beaumont Medical Society.—A society founded with the object of encouraging and stimulating medical students in work of individual investigation.

PROFESSIONAL FRATERNITIES FOR MEN

Alpha Chi Sigma (chemical); *Alpha Kappa Kappa* (medical); *Alpha Kappa Psi* (commerce and economics); *Alpha Kappa Sigma* (legal); *Delta Phi Epsilon* (foreign service); *Delta Theta Phi* (legal); *Gamma*

Eta Gamma (legal); Lambda Phi Mu (medical); Mortar and Pestle (pharmacy); Phi Alpha Delta (legal); Phi Chi (medical); Phi Delta Epsilon (medical); Phi Delta Phi (legal); Phi Lambda Kappa (medical); Scarab (architectural); Sigma Gamma Epsilon (geological); Theta Lambda (engineering).

PROFESSIONAL FRATERNITIES FOR WOMEN

Alpha Epsilon Iota (medical); Alpha Pi Epsilon (home economics); Chi Sigma Gamma (chemical); Chi Upsilon (geology); Kappa Beta Phi (legal); Lambda Sigma (education); Phi Delta Delta (legal); Phi Delta Gamma (graduate); Phi Pi Epsilon (foreign service); Rho Epsilon Mu (physical education).

SOCIAL FRATERNITIES

Sigma Chi; Kappa Sigma; Kappa Alpha; Theta Delta Chi; Phi Sigma Kappa; Delta Tau Delta; Sigma Alpha Epsilon; Sigma Phi Epsilon; Phi Alpha; Sigma Nu; Acacia; Theta Upsilon Omega; Sigma Mu Sigma; Omicron Alpha Tau; Tau Alpha Omega; Phi Epsilon Pi; Tau Epsilon Phi; The Friars; Alpha Mu Sigma.

SOCIAL SORORITIES

Pi Beta Phi; Chi Omega; Sigma Kappa; Phi Mu; Alpha Delta Pi; Delta Zeta; Kappa Delta; Phi Sigma Sigma; Zeta Tau Alpha; Alpha Delta Theta; Phi Delta; Kappa Kappa Gamma; Alpha Epsilon Phi.

DEPARTMENT CLUBS

American Institute of Electrical Engineers; American Society of Civil Engineers; American Society of Mechanical Engineers; The Engineering Council; El Club Español; Le Cercle Français Universitaire; Charles Clinton Swisher History Club; Home Economics Club; International Relations Club; Library Science Club; Mathematics Club; Phi Sigma Rho; Philosophic Society; Schoenfeld Deutsche Verein.

GENERAL

Alpha Eta Epsilon (dramatic); Studio Club; Chess Club; College Poetry Society of America; Colonial Campus Club; Cue and Curtain Club; Greeters' Club; Interfraternity Council; International Students' Society; Liberal Club; Little Players; Masonic Club; Orchestis; Panhellenic Council; Squared Circle; Riding Club; Rousers; Speakers' Congress; Troubadours; Women's Athletic Association.

RELIGIOUS

Baptist Students' Union; Christian Science Organization; Episcopal Club; Luther Club; Maimonides Club; Newman Club; Wesley Club; Westminster Club.

MUSICAL

Girls' Glee Club; Men's Glee Club; Symphony Club; University Band.

STUDENT PUBLICATIONS

The Cherry Tree (the annual); *The Handbook* (manual of University information); *The University Hatchet* (weekly newspaper); *The George Washington Law Review*.

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THE UNIVERSITY RECORD

1934-35

CERTIFICATES AWARDED AND DEGREES CONFERRED

THE JUNIOR COLLEGE

JUNIOR CERTIFICATE

JUNE 6, 1934

Bauknight, Fred Steele	D.C.	Kahn, Maxine Elizabeth	D.C.
Berry, Thomas Edward	D.C.	Kardell, Jean Maryann	D.C.
Breck, Alice Evelyn	Mass.	Kelton, Elizabeth Agnes	Pa.
Bright, Albert Seymour	D.C.	Kerby, John Hardy	D.C.
Brinslow, Joseph Francis	D.C.	Kerns, Josephine Aelaine	Ga.
Brooks, Ruth Curry	Md.	Kinser, Charles A.	Okla.
Bunten, Helen Stewart	D.C.	Kusy, William Thurston	D.C.
Cassedy, Richard Henry	Va.	Lenhoff, Charles David	Mass.
Clark, Harry Lawrence, Jr.	D.C.	Lewis, Muriel Bickford	N.J.
(With honors)		(With honors)	
Claudy, William Duvall	D.C.	Lichman, Helen Janet	D.C.
Cohen, Myrtle	D.C.	Lincoln, Loraine Evelyn	Md.
Collins, Clare Hayden	D.C.	Linton, Calvin Darlington	D.C.
Creske, Richard Paulette	D.C.	Lovejoy, Rosemary J.	Ill.
Davis, Caroline Edna	Kans.	Lyon, Helen Frances	D.C.
Efeldt, Theodore R.	D.C.	Margolis, Sidney Irving	D.C.
Ervin, Marion Laura	Va.	Maxwell, Margaret Jane	D.C.
Feiker, Gretchen	D.C.	Menah, Sidney	D.C.
Feiker, Janet	D.C.	Meriam, Adele Stuart	Md.
Ferr, Leola	N.Y.	(With honors)	
Ferry, Mary Margaret	Pa.	Meriam, Pink Wilson	Md.
(With honors)		(With honors)	
Ficklin, Jane Wilton	Va.	Miller, Pearl Mae	D.C.
Franzoni, Fred Royce, Jr.	D.C.	Moneure, Robert Clarke	Va.
(With honors)		Moulton, Philip	N.H.
Frazier, Lucy Fairfax	Va.	Murata, Jack Kiguma	Calif.
Futterer, Susan Ottilia	Md.	(With honors)	
(With honors)		Nellessen, Clarence George	Va.
Gediman, Herbert William	Mass.	Nye, William David	D.C.
Georges, Eleanor Sappho	Md.	O'Brien, Agnes Genevieve	D.C.
Gilman, Jacob	D.C.	Persons, William Frank, Jr.	D.C.
Goldman, Nathan	D.C.	Phillips, Bernath Eugene	
Gordon, Armand Byron	D.C.	(With honors)	
(With honors)		Pierce, Charlotte Gertrude	D.C.
Grodstein, Irving	N.Y.	Pirie, Muriel Alice	Wis.
Grubic, Eli S.	Calif.	Potter, Rae Wagner	Va.
Gustavson, Z. Selma Maria	N.Y.	Proffitt, Edith Louise	D.C.
Hackworth, Earl Christy	D.C.	Quinn, Dorothy Viola	D.C.
(With honors)		Ralston, Robert, Jr.	Mass.
Halder, Robert W.	N.Y.	Rappolt, John Paul, Jr.	D.C.
Hartan, Wilbur Vaughn	D.C.	Read, Margaret Virginia	Va.
Havnes, Harry James	D.C.	Rote, Max Weymouth, Jr.	D.C.
Hieble, Wilbur Warren	Va.	Rubenstein, Rita Lillian	D.C.
Hillman, Samuel	D.C.	Schlecht, William George	Minn.
Hodson, Robert Edward	Mich.	Sehorn, Marjorie Alice	D.C.
Holt, William Luke	D.C.	(With honors)	
Howard, Marion	D.C.	Simon, Clarence	N.Y.
Huss, James Porter	D.C.	Smith, Joseph C.	Mont.
Hie, Dora Mildred	Va.	(With honors)	
Ing, Winifred Mary	D.C.	Street, John Ellsworth	D.C.

Sweeney, Mabel Anne
Swick, Eunice Reba
Thomas, Frances Bonelle
Towberman, Alden Johnstone
Via, Mary Evelyn
Weber, Charles Dunkhorst
Widome, Abraham Allen
Wildman, Herbert Tuttle

Va. Willhide, William Russell
Md. Wilson, John Randolph, Jr.
Va. Winkelhaus, Jane Francis
Va. Winston, William Dix
Va. Wise, George Waller
D.C. Withauer, Josephine
D.C. Wolpe, Nettie Dorothy
Conn. Yood, Morris Marvin

OCTOBER 17, 1934

Aleman, Irving H.
Bailey, Lawrence Kent
Beach, Anne de Beaupré
Beach, Robert Page
Brill, Leroy A.
Bruce, Evelyn
Busch, Margaret Temple
Carr, Roland Taylor
Christie, John Milton
Chrzanowski, Peter Paul
Clark, William Edgar
Crowther, Don Q.
Denton, Charles Alexander
Dodge, Morton M.
Dumas, Alfred James
Elms, Nannette Isabel
Friedman, Abraham
Goldberg, Isadore
Guill, Mary
Haley, Mary Bronka
Hay, Malcolm, Jr.
Hazard, John H.
Hill, John Lyman
Howell, James McCorkle
Huntington, Camp Stanley
Jacobsen, Paul Dewar
Joss, Frederick Crawford
Katzen, Bernard
Krinkauf, Charles Edward
Knappen, Andrew MacFarlane
Kuck, Mary Comstock
Lane, Richard Earl
Langtry, Wilbur Wilson, Jr.
Lappen, Sylvan Harold

N.Y. Leventhal, Sydney
Kans. Levine, Jack Louis
Md. MacNeil, Francis Stearns
Iowa Madison, Kenneth Menefee
D.C. Moses, Marywade
Va. Nelson, Marjorie
D.C. Parker, Laurence
D.C. Parsons, Donald Johnson
Md. Patterson, Dorothy
Conn. Pierson, William Theodore
Ohio (With honors)
Colo. Pitt, Bernard Picking
Md. Powell, Milton
N.J. Powelson, Robert
W.Va. Reed, Hallie Mae
Md. Rex, Louise Mary
D.C. Reynolds, Robert Theodore
D.C. Rhinehart, Walter Leon
Calif. Rudd, Elizabeth Draper
D.C. Salloom, Edward Adeeb
N.Y. Schmidt, Miriam Elizabeth
D.C. Settle, Russell
Wis. Shimp, James Harrison
Okla. Silver, Cecelia
D.C. Simpson, Faust Young
Iowa Sobrino, José
Calif. Spahr, Effie Mildred
D.C. Stewart, Allen Wesley
Pa. Strayer, Francis Henry
D.C. Thomas, David Scott
D.C. Whitman, Jane Alice
D.C. Williams, Mary Margaret
D.C. Williamson, Edward Ervin
D.C. Young, Roberta Ann

FEBRUARY 22, 1935

Alfaro, Eduardo
Algire, Dorothy Duvall
Ames, Harry Clifton, Jr.
Bacon, Ann Elizabeth
Barón, Catherine Shea
Bauman, I. Paul Pollock
Campbell, Kathryn Foresman
Churchill, Warren Sólvm de Antolfa
Clark, William Edwin
Coffman, Virginia Lee
Collegeman, Sidney M.
Coltman, Charles Lilly
Critchfield, Ruth Iola
Crossette, George
Davis, Selby Brinker

Panama Deming, Harry Leroy
Md. Derr, James George
D.C. Doyle, Mary Joan
D.C. Evans, Helen Louise
D.C. Farley, Maxine
D.C. (With honors)
D.C. Frise, Barbara Hyacinth
Md. Garner, Jennie Frances
Calif. Geiger, Edward Burns
D.C. Goebel, Violet Dorothy
D.C. Gurewitz, Clarence Darrow
China Gusack, Adele
Ohio Hallam, Henry Charles, Jr.
D.C. Hallman, Paul W.
D.C. Hatch, Lorraine G.

Degrees Conferred

V

Holkins, Helen Marie	Ill	Murphy, Irene May	D.C.
Hopwood, Kate Elizabeth Locke	D.C.	O'Connor, Margaret Veronica	D.C.
Jarvis, George Young	Calif	Patton, Kenneth Walter	Okla.
Johnson, Lewis R.	D.C.	Powell, George Livingstone	Calif.
Kan, Max	D.C.	Rabenovers, Judas Samuel	D.C.
Kirande, Warren Curtis	Va.	Robertson, Margus Florence	Va.
Klen, Norton Lully	N.J.	Shack, Ruth Elmer	Md.
Kroutzke, Velma Electra	Colo.	Smith, Paul Emerson	Va.
Kolker, Sidney	D.C.	Spelman, Mary Virginia	Wis.
Leonard, Celima Roi	Ariz	Steiner, Edward Thomas	Md.
Ludwig, Laura Emily	D.C.	Swan, Irene F.	D.C.
(With honors)		Thaxter, John Hall	N.H.
Madigan, John Thomas	N.Y.	Tobey, Charles William, Jr.	D.C.
McCan, Asa Madison	Ark	Tullis, Catherine	Mo.
Matheson, Irving	N.Y.	Whelder, Edward Kentall	D.C.
(With honors)		Westall, Larry Woodward	
Miller, Raymond	Conn.		

COLUMBIAN COLLEGE BACHELOR OF ARTS

JUNE 6, 1934

Antopoulos, George	D.C.	Holcombe, Priscilla	D.C.
Agnet, Robert Lee, Jr.	Va.	(With distinction)	D.C.
Angers, Louis Gerald	Mass	Hutton, John Henry, Jr.	D.C.
Baldwin, Mary Cordelia	Md.	Imlay, Alice	Md.
Barall, Manuel M.	P.R.	Ingersoll, William Belt	Va.
Beasley, Deimar Orris	Miss.	Jacobs, John Russell, Jr.	D.C.
Blase, Rhoda Margaret	Iowa	Jones, Helen Hull	D.C.
Bonnerica, B. Rene	England	Kelly, Mary Frances	Ind.
Brinkman, Clifford John	N.J.	Kennell, Christian Raber	D.C.
Brown, Barbara Esther	Md.	Kings, Florence	D.C.
Buchanan, Martha Hopkins	D.C.	King, Raymond Street	D.C.
Burton, Dorothy Paugh	D.C.	Kirkwood, Jean Caroline	Utah
Buzbee, Vera Sawyer	N.J.	Krimson, James Kaiser	Md.
Carlin, Frances McElroy	Ky	Kottz, Ike Helde	N.J.
Chaffetz, Rowena	D.C.	Larkey, Irving Gilbert	D.C.
Chastie, Jean Oulvy	D.C.	Lathrop, John Bouce	D.C.
Churchill, Elizabeth Sarah	Md.	Litley, Donald Hurley	Iowa
Clews, William Hedley	Md.	Link, Dennis Clemence	D.C.
Cockrum, Henry Ayre	Ill.	Lankins, Louise Kent	Pa.
Conn, George Thompson	D.C.	Lord, Clarence Irving	
Critchfield, Clara Etta	Ohio	LL.B. 1931. The George Washington	
Dunham, Lewis Manley	N.C.	University	N.J.
Ellsworth, Sylvia	Md.	Lowe, Robert Chapin	D.C.
(With distinction)		Lucha, Frank Joseph	D.C.
Everett, John Ellsworth	D.C.	Manning, Edith Miller	D.C.
Fick, Julia Ruth	D.C.	Marechal, Elisabeth	N.Y.
Forst, Arthur	N.Y.	McEldowney, Genevieve	D.C.
Fox, Catherine Jeanette	Va.	Middlemas, Elizabeth	Va.
Fraser, Ella Selma	D.C.	Middleton, Helen Clark	Conn.
Galbraith, Eva M.	Colo.	Mullen, Samuel Robert	Mich.
Gertler, Louis	D.C.	Muller, Kenneth Keith	D.C.
Giffin, Grace Elizabeth	Md.	Mitchell, Helen Blanche	N.Y.
Gilligan, Margaret Elizabeth	D.C.	Moenigstern, Philip	Ohio
Goodrich, Maudie Viola	D.C.	Morton, Wilson Jesse	Ala.
Gordon, Bertha Constance	D.C.	Matphy, Charles Martin, Jr.	Minn.
Hanus, Pauline Elizabeth	D.C.	Neikow, Esther	Pa.
Hazard, Muriel Frances	Md.	Noyes, Honora MacArthur	N.Mex.
Hinds, Alfred Boyd	D.C.	Osuna, Margarita P.	D.C.
Hix, William Beryl	Kans.	Pagan, Oliver Elwood, II	

Papps, Platonie E.
 Parrish, Finis Irving
 Phelps, Catherine Margaret
 Phelps, Dorothy Porterfield
 Pite, William
 Pitte, Lorena
 Prichard, Catherine
 Rogers, Arthur Leon, Jr.
 Rose, Mary Elizabeth
 Rothstein, Miriam Thelma
 (With distinction)
 Salisbury, Clarence Arnold
 Salomon, Sylvia Inez
 Samuel, Samuel Loewy
 Schindell, David Harold
 Schulte, Verna May
 (With distinction)
 Scott, Frances Marion
 Sheahan, Shawn
 Sizoo, Joseph Alexander
 Skinker, Doris
 Spreight, Margaret

Mich. Stadden, Mary-Alice
 Tex. Swartz, John McFarland
 D.C. Syphers, Grant Eugene
 Ark. Thom, Charles Richard
 Conn. Thomas, John Roy
 D.C. Tulloch, Eleanor Abigail
 D.C. Wanner, Carol Frances
 Miss. Watson, Quentin Durward
 Ill. Wayland, Julia Eleanor
 D.C. Weingartner, Ademar Grimm
 Weisbrod, William Gustavus
 Kans. Weltner, Ethel Winifred
 D.C. Whipple, Mary Edith
 D.C. Whitney, Gladys Louise
 W.Va. (With distinction)
 Wis. Whitney, Winifred Ellenor
 Widome, Blanche
 D.C. Windsor, Paulina
 Ireland LL.B. 1934, The George Washington
 Calif. University
 D.C. Zahn, Arthur David
 N.C.

OCTOBER 17, 1934

Cannon, Moses Hamlin
 Chestnut, Charles Caldwell
 Coble, Eugene J.
 Dendinger, Kathryn Bernadette
 Ferrier, Theodore Lawrence
 Grad, Raymond
 Grifoni, Elsa Louise
 Hamill, Harold Louis

Utah Pickens, Henri Batcheller
 Okla. Skelton, Edythe Lillian
 Kans. Thom, Alfred Pembroke, III
 Ill. (With distinction)
 Kans. Waller, Philip David
 N.Y. Weber, Harry Fredrick
 D.C. Weinberg, Joseph Harry
 D.C. Yood, Morris Marvin

FEBRUARY 22, 1935

Barnhart, Nelson Gregory
 Beers, Robert G.
 Chase, Ruth Judith
 Clark, William Edgar
 Cohen, Myrtle
 Feuerlein, Willy John Arthur
 Fretot, Winifred Sears
 Kesmodel, William Augustus
 Lennahan, Charles Michael
 Madigan, John Thomas

D.C. Mason, John Thomas, Jr.
 Mo. McElvenny, Elizabeth Steiwer
 D.C. McGowan, Elizabeth Hart
 Ohio McIntyre, Robert Vernon
 D.C. Nagae, Cayetano C.
 Switzerland Nordberg, John Justin
 D.C. Snowberger, Garnet
 D.C. Tudor, Joseph Harrison
 N.Dak. VanHusen, Beatrice Elizabeth
 N.Y.

BACHELOR OF SCIENCE

JUNE 6, 1934

Bell, John Oscar
 Claborn, Houston Vernon
 Cooper, Claude Everett
 Cooter, Irvin Leon
 Critchfield, Charles Louis
 (With distinction)
 Detwiler, Samuel Bertholet, Jr.
 Ellis, Greer
 Gleason, Marshall Cedric
 Knowlton, John Wellington
 Kretschman, Charles Monroe
 McKenzie, Lawson Morell

Va. Meredith, Trenton
 Ark. Miller, Beatrice R.
 Md. (With distinction)
 Okla. Morris, Herman Jackson
 Ohio Nash, Carol Blue
 Rader, Lewis Franklin, Jr.
 Va. Riggs, William Adams
 D.C. Schontank, Harry Edward
 D.C. Scott, Francis Patrick
 Ill. Stone, Gordon Oliver
 Pa. Taylor, John Keenan
 Ind. Williard, John Earlton

Degrees Conferred

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OCTOBER 17, 1934

Daniel, Deborah Ewin
Daughtrey, Darien Butler
Jacobs, Ralph I.

D.C. Quasha, Sol N.
D.C. Taylor, Albert Lee
N.Y.

N.Y.
Colo.

FEBRUARY 22, 1935

Spahr, Effie Mildred

D.C.

MASTER OF ARTS

JUNE 6, 1934

Alexander, Herbert Lee, Jr.
A.B. 1933, The George Washington
University
Arnold, Margaret Curb
A.B. 1932, Judson College
Bock, S. Benjamin
B.S. 1930, College of the City of New York
Book, May Louise
A.B. 1932, The George Washington
University
Brown, Rebecca
A.B. 1932, Goucher College
Burman, Daniel
A.B. 1933, The George Washington
University
Burnham, Paul F.
A.B. 1931, The George Washington
University
Carlson, Charles Othell
B.S. 1929, Brigham Young University
Clark, Mary Cheney
A.B. 1927, Vassar College
Conn, Stetson
A.B. 1933, The George Washington
University
Corra, Lois Fleming
A.B. 1933, The George Washington
University
Eddv, Helen Louise
A.H. 1933, Lebanon Valley College
Edmonston, James Harvey
A.B. 1931, The George Washington
University
Ehrlich, Martin
B.S. 1931, New York University
Eller, Ernest McNeil
Graduate 1925, U.S. Naval Academy

W.Va. Emery, George Frederick
B.S. 1932, Middlebury College
D.C.
Ala. Everard, Nathaniel
A.B. 1932, Yale University
D.C.
N.Y. Fugitt, Helen Jean
A.B. 1932, The George Washington
University
Wash.
Del. Hahner, Clarence
B.S. 1929, State College of Washington
D.C.
Kinnard, Virginia
A.B. 1932, The George Washington
University
D.C.
Md. Lynch, Mark Nivison
A.B. 1930, The George Washington
University
Va.
D.C. Locke, Louis Glenn
A.B. 1933, Bridgewater College
D.C.
Utah McNally, Edmund Houston
B.S. 1930, The George Washington
University
D.C.
Utah Roch, George Martin
A.B. 1930, The George Washington
University
D.C.
D.C. Siegrist, Marie Louise
A.B. 1932, The George Washington
University
Md.
D.C. Sillin, Emily Allnutt
A.B. 1925, Western Maryland College
Miss.
Pa. Simmons, Samuel William
B.S. 1931, Mississippi Agricultural
and Mechanical College
Md.
D.C. Simmons, Victor Leonidas
B.S. 1926, Iowa State College
D.C.
Smith, Carroll Newton
A.B. 1932, The George Washington
University
D.C.
N.Y. Stewart, Frederic Walter
A.B. 1931, The George Washington
University
N.C.

OCTOBER 17, 1934

Culp, Ruby Lee
A.B. 1924, The George Washington
University
Dunlap, Anita Brunet
A.B. 1933, The George Washington
University

Okla. Hall, Thomas Randolph
A.B. 1933, The George Washington
University
N.Y.
D.C. Jamieson, Nicholas
A.B. 1932, University of Buffalo

Polacoff, Molly	Va.	Taylor, Malcolm	D.C.
A.B. 1932, The George Washington University		B.S. 1932, The George Washington University	
Rodeck, Herbert Alfred Frederick	Ill.	Trilling, Charles	N.Y.
A.B. 1931, The George Washington University		B.S. 1929, College of the City of New York	
Sawyer, Richard Leigh	D.C.	Tsui, Tawen-ling	China
B.S. 1932, The George Washington University		A.B. 1928, University of Shanghai	
Sprout, Mary Thornton	Ga.	White, Laura Cornelia	Min.
A.B. 1932, The George Washington University		A.B. 1927, Mississippi State College for Women	

FEBRUARY 22, 1935

Anderson, Robert Nepht	Utah	Goodson, Eleanor Hoffman	Mo.
A.B. 1928, University of Utah		A.B. 1932, University of Missouri	
Artz, Lena	Va.	Jones, Helen Gertrude	S.Dak.
A.B. 1927, College of William and Mary		A.B. 1929, University of South Dakota	
Bennett, Winifred DeWitt	Oreg.	Kahler, Elizabeth Sartor	D.C.
A.B. 1931, The George Washington University		B.S. 1933, The George Washington University	
Burman, Louis Robert	N.Y.	Smoot, Henry Kenneth	D.C.
Ph.C. 1924, Fordham University		A.B. 1931, The George Washington University	
B.S. 1924, New York University	P.I.	Telford, Helen Dorothy	Ill.
Digal, Leonilo T.		Ph.B. 1932, University of Chicago	
A.B. 1932, University of Southern California	Ky.	Wheeler, Elizabeth Hale	Mass.
Emmerich, Harry Henry		A.B. 1933, The George Washington University	
B.S. 1931, University of Kentucky	D.C.		
Ewell, Raymond Henry			
B.S. 1928, University of the City of Toledo			

THE GRADUATE COUNCIL

DOCTOR OF PHILOSOPHY

JUNE 6, 1934

Christie, Jesse Roy	Va.	Rehder, Harald Alfred	D.C.
B.S. 1914, University of Kentucky		A.B. 1929, Bowdoin College	
M.S. 1918, University of Illinois		A.M. 1933, Harvard University	
Thesis: "The Life History of <i>Agamermis decaudata</i> , a Mermithid Nematode"		Thesis: "A Contribution to Our Knowledge of the Genus <i>Succinea</i> in North America"	
Hubbard, Henry Furness	Md.	Simmons, James Stevens	P.C.
A.B. 1928, A.M. 1929, The George Washington University		B.S. 1911, Davidson College	
Thesis: "A Study of Objective Employment Tests in the New Jersey Civil Service"		M.D. 1915, University of Pennsylvania	
Kullback, Solomon	N.Y.	Thesis: "The Virus of Infectious Myxomatosis"	
B.S. 1927, College of the City of New York			
A.M. 1929, Columbia University			
Thesis: "An Application of Characteristic Functions to the Distribution Problem of Statistics"			
Racklev, Lloyd Ernest	Tenn.	Vivian, Donald Lindsay	Ans.
B.S. 1924, A.M. 1925, George Peabody College for Teachers		Ph.B. 1929, Yale University	
Thesis: "An Experimental Study of the Factors of Reaction Time as Exhibited by a Cross Section of the Population of Washington, D.C."		Thesis: "I. 'An Investigation of the Reaction between the Grignard Reagent and Diazonium Salts' II. 'The Preparation of a New Class of Solid Diazonium Salts and Their Use in the Identification of Phenols and Phenol Esters'"	

Degrees Conferred

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FEBRUARY 22, 1935

Johnson, Arlin Rex B.S. 1924, Brigham Young University A.M. 1931, The George Washington University Thesis: "Certain Economic Aspects of the Boulder Dam Project"	Utah	Wright, Willard Hull D.V.M. 1927, The George Washington University M.S. 1931, American University Thesis: "Observations on the Life History of <i>Taxidea canadensis</i> and <i>Taxidea latidens</i> , and the Influence of Environmental Factors on Their Development"	Ohio
Price, Emmett William D.V.M. 1918, The George Washington University M.S. 1931, American University Thesis: "North American Monogenetic Trematodes"	D.C.		

THE SCHOOL OF MEDICINE

DOCTOR OF MEDICINE

JUNE 6, 1934

Apter, Harry A.B. 1931, The George Washington University	Conn.	Fine, Irvin J. A.B. 1931, The George Washington University	N.J.
Atila, Alberto Dias B.S. 1930, University of Puerto Rico	P.R.	Flood, Clyde E. Gerber, Aaron Harry A.B. 1930, The George Washington University	Ariz. D.C. N.Y.
Brainin, William A.B. 1931, The George Washington University	Md.	Gould, George Irwin A.B. 1931, The George Washington University	
Brooklin, Louis Andrew Brookhart, Florence Hearne A.B. 1931, The George Washington University	N.J. Iowa	Gromet, Maurice Turk A.B. 1931, The George Washington University	N.Y.
Butler, Henry Lee, Jr. Case, Paul H. Close, Byron Huntington Coleman, William Ernest, Jr. A.B. 1930, The George Washington University	Va. Ariz. N.J. Ky.	Gruberman, Edward Haines, Hilton Drummond Hansen, Howard Harper, Howard Edward A.B. 1926, Occidental College	N.Y. D.C. Utah Calif.
Conway, James Vincent A.B. 1930, Cornell University	N.J.	Henderson, James Alexander A.B. 1930, Washington and Lee University	N.Y. Pa.
Covey, Merle Irving A.B. 1931, The George Washington University	N.Y.	Hudson, George Henry B.S. 1930, St. Vincent College	N.Y.
Cullimore, Leland Kentch A.B. 1930, The George Washington University	Utah	Kanof, Naomi Marilyn A.B. 1931, The George Washington University	
Diamond, David I. A.B. 1930, The George Washington University	N.J.	Kent, Joseph Edgar B.S. 1929, St. Vincent College	Pa. N.Y.
Dorset, Virgil Jackson A.B. 1931, The George Washington University	D.C.	Kilestein, Richard Isaac A.B. 1930, The George Washington University	
Dushabek, James Albert Ekland, Raymond Thorwald A.B. 1930, Stanford University	N.Dak. Calif.	King, James David A.B. 1931, Miami University	Straits Settlement N.Y.
Elliott, Harry M. A.B. 1930, University of Utah	D.C.	Kleiman, Aaron Harry A.B. 1930, The George Washington University	
Forein, Richard A.B. 1930, The George Washington University	N.Y.	Knott, William Luther A.B. 1930, The George Washington University	D.C.
Feller, William B.S. 1929, Rutgers University A.M. 1930, The George Washington University	N.J.	Kramer, Milton A.B. 1931, The George Washington University	N.Y.

Kupers, Edward Carlton A.B. 1930, The George Washington University	Pa.	Rover, Clark Williard A.B. 1931, Albion College	Pa.
Lemeshevsky, George Paul A.B. 1931, The George Washington University	D.C.	Rude, Gilbert Britt	D.C.
Lipschitz, Samuel A.B. 1931, The George Washington University	N.Y.	Sanger, Emerson Joseph B.S. 1931, Hillsdale College	N.Y.
Mandv, Theodore Edward A.B. 1931, The George Washington University	D.C.	Sheinmel, Arthur A.B. 1931, The George Washington University	D.C.
Meo, Richard Carl A.B. 1931, The George Washington University	Conn.	Shreehan, Hubert Francis Shulman, Israel A.B. 1931, The George Washington University	Conn.
Minsky, Arthur A.B. 1930, The George Washington University	N.Y.	Skelly, John Francis Snyder, Carolyn Hannah A.B. 1931, The George Washington University	N.Y.
Noonan, Paul Ecret B.S. 1931, Allegheny College	Pa.	Spritzer, Theodore David B.S. 1930, M.S. 1930, Rutgers University	Pa.
Ocheret, Irving A.B. 1931, The George Washington University	N.J.	Stevenson, Leland Ernest Suescum, Timoteo C. Ph.B. 1926, Colegio Rosafuerte	N.J.
Orben, Lloyd Deering	N.Y.	A.B. 1931, The George Washington University	N.Y.
Orris, Harold J. A.B. 1931, The George Washington University	N.J.	Sullivan, Norbert Paul B.S. 1931, New York University	N.J.
Peckham, Henry Lincoln, Jr. (With distinction) A.B. 1931, The George Washington University	D.C.	Suter, James Marion A.B. 1930, The George Washington University	D.C.
Pincock, Glen	Utah	Terrell, William Dandridge, Jr.	Utah
Reeves, George William	D.C.	Weller, Margaret Catherine	D.C.
Richwine, Barton Winters	D.C.	A.B. 1931, The George Washington University	D.C.
Roache, Fred Brinning A.B. 1931, The George Washington University	Ky.	Young, Grace Victoria A.B. 1927, The George Washington University	Ky.
Robbins, Irving (With distinction) B.S. 1930, M.S. 1930, New York University	N.Y.	Yount, Clarence Edgar, Jr. B.S. 1928, University of Arizona	N.Y.

THE LAW SCHOOL

BACHELOR OF LAWS

JUNE 6, 1934

Allison, Andrew Vangrol	N.C.	Bundy, Emory Edwin	N.C.
Allyn, Charles Chapin	D.C.	A.B. 1927, Whitman College	D.C.
Alpher, Robert B.S. 1930, The George Washington University	D.C.	A.M. 1930, The George Washington University	D.C.
Andrews, Don Darrell B.S. 1930, The George Washington University	Iowa	Byron, David Wilson A.B. 1928, Yale University	Iowa
Aponte, Faustino R.	P.R.	Cavett, Eldred C.	P.R.
Brown, Robert Thomas B.S. 1927, Georgetown University	Mass.	Cheseldine, James Corbin Christensen, William Julius A.B. 1928; A.M. 1929, University of Utah	Mass.
Brugman, Lawrence W. B.S. 1930, University of Illinois	D.C.	Church, Joseph H. B.S. 1928, Kansas State College	D.C.

Degrees Conferred

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Coe, Bryan A.B. 1928, The George Washington University	D.C.	Hickey, Thomas James B.S. 1930, Massachusetts Institute of Technology	Mass.
Coffin, Lewis Charles A.B. 1930, Bowdoin College	Me.	Hitch, Robert Argrizola B.S. 1929, University of Maryland	Ohio
Coombs, John Wendell A.B. 1926, University of Utah	Utah	Hosfeld, Raymond Frederick B.S. 1930, The George Washington University	D.C.
Codon, Louis Charles A.B. 1932, The George Washington University	D.C.	Hudson, Thomas Buford Iverson, Kenneth R.	N.C. Utah
Cotton, Allen Phares A.B. 1932, Indiana University	Ind.	Johnston, Albert Caldwell A.B. 1930, The George Washington University	Va.
Cragun, John Wiley A.B. 1932, The George Washington University	D.C.	Justus, Chester Lee B.S. 1928, University of Idaho	Idaho
Cutting, Charles Ambrose B.S. 1930, University of Maine	Me.	Keiper, Francis Pitman A.B. 1927, E.E. 1928, Cornell University	N.Y.
Dell, Julian Peter, Jr. B.Ph. 1929, Emory University	Ga.	Kerrit, Paul Edward Graduate 1928, U.S. Naval Academy	Ill.
Dierz, John Edward A.B. 1931, The George Washington University	D.C.	Knosher, Vernon William Knudson, James Kaiser A.B. 1934, The George Washington University	Wash. Utah
Ellison, Enoch Edward Etienne, Alexander Jeremiah E.E. 1925, Rensselaer Polytechnic Institute	W.Va. N.Y.	Koiner, David Randolph Lenny, Lewis James B.S. 1923, Worcester Polytechnic Institute	D.C. Mass.
Evans, William Wilder A.B. 1930, University of Maryland	Md.	Leonnig, Leo John B.S. 1926, Oregon State College	N.Y.
Fay, Charles Rozzelle Feldstone, Benjamin B.S. 1931, The George Washington University	Mass. D.C.	Malley, John Wallace Graduate 1927, U.S. Naval Academy	W.Va.
Filling, Maurice W. A.B. 1924, Cornell University	D.C.	Marano, Frank Peter A.B. 1932, The George Washington University	N.J.
Flocks, Karl Wilhelm B.Eng. 1930, Johns Hopkins University	Md.	Martin, Harold Alton Matteson, Frederick Lewis, Jr. B.S. 1925, Rose Polytechnic Institute	Wash. Ind.
Friedman, Maurice A.B. 1930, The George Washington University	Conn.	McCandlish, Robert John, Jr. A.B. 1930, University of Maryland	Va.
Fulbright, James William (With distinction) A.B. 1925, University of Arkansas	Ark.	McClellan, Sidney A.B. 1927, University of Idaho	Idaho
Gatley, Howard Prescott, Jr. Glemser, Harry W. F. M.E. 1929, Drexel Institute	Md. N.J.	McKnight, Charles Maurice B.S. 1929, Purdue University	Okla.
Gore, Philip Larner Greenawalt, Guy Angle B.S. 1928, Carnegie Institute of Technology	D.C. Ill.	Milans, Robert Southland (With distinction) E.E. 1929, Cornell University	D.C.
Gulick, Mary Smith A.B. 1929, Randolph-Macon Woman's College	Va.	Miller, Bennett Goodyear Mitch, Valentine Jones B.S. 1928, Rose Polytechnic Institute	Pa. Ind.
Guthrie, Ross Ritter A.B. 1928, Harvard University	Md.	Morton, John B.M.E. 1928, Northeastern University	Mass.
Hammeress, Clarence Rudolph Hanback, William Brecht A.B. 1932, The George Washington University	Mont. D.C.	Mulford, Kenneth Eugene B.S. 1929, The George Washington University	Md.
Harlan, Ashland Fleetwood, Jr. A.B. 1930, The George Washington University	D.C.	Mullin, James Palmer B.S. 1929, University of Illinois A.M. 1930, Syracuse University	Ind.
Hefler, Paul Emile A.B. 1929, Dartmouth College	Mich.	Murphy, Maxwell Kerr B.S. 1930, University of Maine	Me.
		Muth, George Edward A.B. 1931, The George Washington University	D.C.

Neff, John McCulloch, Jr. A.B. 1929, Nebraska Wesleyan University	Nebr.	Simmon, F. Glenn B.S. 1927, Oklahoma Agricultural and Mechanical College	Okla.
Nelson, Melville Cary B.S. 1913, The George Washington University	N.C.	Simpson, Joseph Bernard, Jr. Smethurst, Raymond Stevens B.S. 1910, Harvard College	D.C. Mass. Calif.
Newton, Gaylord Weld B.S. 1920, New York University	N.Y.	Spasoß, John B.S. 1920, The George Washington University	D.C.
Nichols, Louis Burrous	Mich.	Spielman, William Paul A.B. 1911, The George Washington University	Ind. D.C.
O'Malley, Thomas Richard B.S. 1910, Armour Institute of Technology	Ill.	Sreele, John Winton Stephens, Francis Devereaux B.S. 1910, University of Maryland	Mass. D.C.
Osborne, John Broadus A.B. 1916, Furman University	S.C.	Stone, Franklin Martin Stults, Harold Leland	Mich. Ind.
Parsons, Richard Abner B.S. 1910, The George Washington University	Va.	B.S. 1910, Purdue University	N.J.
Peelle, Stanton Canfield, Jr. (With distinction)	Md.	Truesdell, Henry Palmer C.E. 1910, Cornell University	Ind.
Permut, Jack A.B. 1911, The George Washington University	D.C.	Vendel, John Robert B.S. 1920, Rose Polytechnic Institute	Mass.
Pickens, Madison Dallas B.S. 1928, Oregon State College	D.C.	Vibber, Alfred Wheeler B.S. 1910, Worcester Polytechnic Institute	Ind.
Prangley, Curtis Frederick B.S. 1910, The George Washington University	Oreg.	Walck, Earl Clifford A.B. 1912, The George Washington University	D.C.
Quale, Franklin Edward B.S. 1910, University of Michigan	D.C.	Werlich, Edgar Julius M.E. 1910, Cornell University	Mass.
Rathburn, Mark Hudson (With distinction) B.S. 1920, University of Colorado	Ohio	West, Charles Whitney Graduate 1920, U.S. Military Academy	Mich. N.Y.
Richards, James Walsh	D.C.	Wheaton, Clare Alan White, Dean Warner A.B. 1911, Allegheny College	Ohio
Romnev, Blaine Taylor	Utah	White, Grace A. A.B. 1912, The George Washington University	Mass.
Ronald, James Hall A.B. 1920, Earlham College	Ind.	Williams, Frank Tatom A.B. 1924, Mississippi College A.M. 1928, University of North Carolina	Ala.
Ronning, Henry Leigh	Minn.	Wilson, John Louis B.S. 1910, Alabama Polytechnic Institute	Kans.
Ross, Stanley Edward B.S. 1926, Michigan State College	Mich.	Wolfe, Richard Russell (With distinction) B.S. 1929, M.S. 1930, Massachusetts Institute of Technology	Va.
Saltzman, Frank Reno Schmeltz, Andrew Hubert (With distinction) A.B. 1928, University of Pittsburgh	D.C.	Yaffee, Anne Rosenthal A.B. 1910, The George Washington University	N.Y.
Schofield, William Wilcox	Pa.	Young, John Arthur E.E. 1928, Rensselaer Polytechnic Institute	Mo.
Sharp, Freeman Wilfred, Jr. A.B. 1911, The George Washington University	D.C.		
Sheldon, Alice Colbert A.B. 1916, The George Washington University			
Shelton, Frederic DeWitt A.B. 1916, Drury College			
OCTOBER 17, 1934			
Aiken, Paul Case A.B. 1929, University of Kansas	Kans.	Bein, Joseph David B.S. in M.E. 1930, The George Washington University	N.Y.
Alpher, Solomon A.B. 1913, The George Washington University	D.C.	Bliss, Robert Vaughan Candland, Harold Arthur	Ind.

Degrees Conferred

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Cohn, Benjamin Emanuel B.S. 1918, University of Illinois	Ill.	Kamm, Edmund William Emil B.S. in M.E. 1910, Purdue University	Ind.
Cook, Dorothy Williamson A.B. 1931, Goucher College	D.C.	Larcombe, John Ray Porter, William Bracken	Va. Ind.
Eifer, Laurence Victor B.S. in M.E. 1928, Armour Institute of Technology	Ill.	A.B. 1921, Indiana University	Wis.
Elliott, William Emmett B.S. in E.E. 1930, Georgia Institute of Technology	Ga.	Schmitz, Paul Joseph B.S. in M.E. 1926, Purdue University	Ill.
Fish, Harry Seymour Haslup, Lemuel Allen B.S. 1917, University of Maryland	Kans. Md.	Shumaker, Loch B.S. 1932, University of Illinois	D.C.
Hughes, Joe D. B.S. 1930, Alabama Polytechnic Institute	Ala.	Silverman, Robert Israel A.B. 1932, The George Washington University	D.C. Mass.
		Snyder, Henry Sol Swanson, Harold Axel	Pa.
		Waldman, Jacob A.B. 1929, University of Pennsylvania	

FEBRUARY 22, 1935

Allen, Grandison Greer A.B. 1930, Vanderbilt University	Ky.	Mason, Richard Dean B.S. in E.E. 1929, A.B. 1931, E.E. 1932, University of Oklahoma	Okla.
Churchill, William Philip B.S. in Ch.E. 1930, University of Maine	D.C.	M.S. in E.E. 1931, Massachusetts Institute of Technology	Ill.
Clark, Douglas Alonzo A.B. 1930, Hampden-Sydney College	Va.	Mayberry, Bernard Cornelius A.B. 1930, University of Illinois	Me.
Epaminonda, John G. Gerler, Louis A.B. 1934, The George Washington University	N.J. D.C.	Mayers, Harry Ripley (With distinction) B.S. 1930, University of Maine	N.Dak.
Gray, Walter Thomas Kennedy, Howard, III Keys, William Ward A.B. 1928, Ohio Wesleyan University	D.C. Nebr. Ohio	Paulson, Lynn Clifford A.B. 1931, The George Washington University	D.C.
Kriegel, Bernard B.Eng. 1929, Johns Hopkins University	N.Y.	Porter, George Wilbur A.B. 1930, Dartmouth College	Ohio Mo.
Lund, Earl Hildreth B.S. in C.E. 1922, C.E. 1923, University of Minnesota	Minn.	Sweeny, Charles Amos Tomlin, Carl William B.S. in Eng. 1932, The George Washington University	Ark. D.C.
		Vaughan, Thomas Rae Ward, Chester Charles (With distinction) B.S. 1931, Georgetown University	Okla.
		Williams, Robert Manning	

MASTER OF LAWS

JUNE 6, 1934

Boyer, James Barnes B.S. 1928, Pennsylvania State College	Pa.	Roberts, Ralph Scandish LL.B. 1931, The George Washington University	Utah Va.
LL.B. 1933, The George Washington University		Stoner, George B. A.B. 1927, LL.B. 1928, Yale University	
Crouter, Earl Clinton A.B. 1928, LL.B. 1930, The George Washington University	Wyo.	A.M. 1933, The George Washington University	D.C.
Guild, June Purcell LL.B. 1910, Ohio State University	Va.	Wright, James Warren A.B. 1922, Ohio Wesleyan University	
Monk, George Edward A.B. 1928, LL.B. 1930, The George Washington University	D.C.	A.M. 1923, Ohio State University LL.B. 1933, The George Washington University	

OCTOBER 17, 1934

Keatley, George Harold
Ph.B. 1927, Dickinson College

Pa. LL.B. 1933, The George Washington
University

THE SCHOOL OF ENGINEERING
BACHELOR OF SCIENCE IN CIVIL ENGINEERING

JUNE 6, 1934

Birchright, Milton Parkins
Kowaleski, John Francis
Lawton, Warren Leigh
Lendenmann, Ernest Charles

Md. Rose, Ralph Hamilton
Pa. Sullivan, Eugene Joseph
D.C. Wood, Joseph Fickling
Va.

D.C.
Chas.
D.C.

OCTOBER 17, 1934

Schmitt, Edwin Alexis

Md.

FEBRUARY 22, 1935

Hess, Laurie Floyd

D.C.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

JUNE 6, 1934

Day, John William
Ellenberger, William Joseph
B.S. in E.E. 1930, The George
Washington University

Mass. Thom, George Chester
Ohio B.S. in E.E. 1932, The George Wash-
ington University

D.C.

OCTOBER 17, 1934

Ambrosi, Hugo Faust

Md.

FEBRUARY 22, 1935

Dovener, Robert Fournier

Md.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

JUNE 6, 1934

Dix, William Hayward
Johnson, James Lloyd
(With distinction)

N.Y. Roettiger, Henry Arthur
Ohio

Pa.

BACHELOR OF SCIENCE IN ENGINEERING

JUNE 6, 1934

Borlik, Edward Leo

D.C. Thomas, Edwin Morini

Calif.

CIVIL ENGINEER

JUNE 6, 1934

Deuterman, Martin
B.S. in C.E. 1930, The George Wash-
ington University

Va.

GRADUATE IN PHARMACY

Edmondson, James Henry
Emmatt, George Allen
Epstein, Julius
Ginsburg, Theodore

Md. Lamb, Lewis Joseph
D.C. Rubin, Philip
D.C. Whitehead, John Lewis
D.C.

D.C.
D.C.
Va.

Chamberlain, Chester H.
Leusahrens Frederick George

Me. Read, Herbert Alan
D.C.

D.C.

JUNE 6, 1934

Nathanson, Sidney
Ph.G. 1933, The George Washington
University

D.C. Williams, Charles Richard
Ph.B. 1931, The George Washington
University

Md

BACHELOR OF ARTS IN EDUCATION

Ackley, Lillian Simmons
Arona, Helen Rose
(With distinction)
Ball, Marjorie Dearing
Cox, Winnie Williamson
French, Mary Luce
Frisbie, Kenneth Walden
Hewward, David Austin
Hillerson, Evelyn Blanche
Hinds, Elizabeth Whaler
Hughes, Helen Lucille
Ingham, Inez
Kincheloe, Esther Marie
King, Eleanor Woodward
(With distinction)
Lankford, Roberta

N.J.	Larson, Vanner Timothy
D.C.	Lauder, Dorothy Marie (With distinction)
Md.	Low, Ethel Klavans
Va.	Molyneux, Ruth King
Wash.	Rhoads, Cecelia
Md.	Rodis, Lillian Spector
D.C.	Rosett, Ruth
D.C.	Schwartz, Sylvia Teresa
D.C.	Silverman, Sarah
D.C.	Szamm, Marianne Valerie
R.I.	Stevens, Dorothea Kathryn
Va.	Strohman, Mary Helen
Va.	Taylor, Charlotte Emily
	Webster, Louise Amelia
Md.	

Me.
D.C.

D.C.
D.C.
D.C.
D.C.
D.C.
D.C.
D.C.
Mass.
Md.
D.C.
N.Y.

Burge, Louise Irene
Howard, Ruth Morrison

Iowa	Huntington, Audrey Irene
D.C.	Maguire, Helen Ross

DC.
DC.

Cox, Frances Elizabeth
Elms, Margaret Edelin
Hall Effie Lenore

Va.	Osbourne, Fugate Hills
Mo	Laylor, M. H. & Keller
D.C.	Werner, Myrtle King

Val.
D.C.
D.C.

BACHELOR OF SCIENCE IN HOME ECONOMICS

JUNE 6, 1934

Buchanan, Bessie	D.C.	McConnell, Katharine
Chaffetz, Betty Mae	D.C.	Oxenbarg, Beatrice Sylvia
Hobson, Henrietta Leha	D.C.	Parker, Ruth Ann
King, Mary Ella	Pa.	Stauffer, Marcia Clokev
MacArthur, Leah Emily	D.C.	Stirewalt, Margaret Elizabeth
Mahurin, Blanche Virginia	Md.	

FEBRUARY 22, 1935

Birthright, Adnah Judge

Md.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

JUNE 6, 1934

Bomba, Abdon Anthony	Tex.	McCullough, Annabelle
B.S. 1932, St. Edward's University		Slaird, Walter John
Grosvonor, Edith Eccard	D.C.	Watkins, Mary Lee
Gwinn, Dorothea Wildt	Md.	Young, Janet Clementson
Hickman, Boyd	Ind.	

OCTOBER 17, 1934

Doose, Christopher Alfred, Jr.

Tex.

FEBRUARY 22, 1935

Witucki, Bernard Francis

Ind.

MASTER OF ARTS

JUNE 6, 1934

Avant, Hilda Stutes	La.	Krey, Isabella Brown	pC
A.B. 1933, Southwestern Louisiana Institute		A.B. 1925, The George Washington University	Te
Black, Florence Massey	Md.	McCarver, Clarence Edward	
A.B. 1926, Western Maryland College		A.B. 1931, Howard Payne College	
Bovey, Harold Strole	D.C.	B.S. 1934, The George Washington University	Me-t
B.S. 1932, The George Washington University		McCoy, Berenice Bowman	Md
Carpenter, Celia Lydia	D.C.	A.B. 1926, University of Utah	
A.B. 1933, The George Washington University		Nelson, Agnes Christine	Te
Clark, Weston R.	Utah	A.B. 1920, The George Washington University	
B.S. 1931, University of Utah		Pearce, Hardy Lee	
Davis, Elsie Armstrong	Va.	A.B. 1930, Simmons University	Md.
B.S. 1930, Fredericksburg State Teachers College		B.S. 1934, The George Washington University	pC
Dickert, Eddie	Va.	Rea, Parthia Moulton	
A.B. 1935, The George Washington University		A.B. 1935, The George Washington University	pC
Greene, Michael Harrison	N.Y.	Ruediger, Imogene Ickis	pC
A.B. 1932, The George Washington University		A.B. 1931, The George Washington University	
Hildebrand, Jamie Louise	D.C.	Schneider, Fern Duey	
B.S. 1931, Indiana State Teachers College		B.S. 1932, Nebraska Wesleyan University	

Degrees Conferred

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OCTOBER 17, 1934

Bergin, Katherine Elizabeth A.B. 1930, The George Washington University	D.C.	Mills, Edith Sarah A.B. 1932, San José Teachers College	Calif.
Carpenter, Jesse Horace A.B. 1922, West Virginia Wesleyan College	W.Va.	Moore, Margaret A.B. 1929, The George Washington University	D.C.
Farington, Claud Max A.B. 1927, Westminster College B.S. 1933, The George Washington University	D.C.	Niemeyer, Ernestine Helena A.B. 1924, The George Washington University	D.C.
Garrals, Harriet Elsie A.B. 1925, The George Washington University	D.C.	Payne, Nellie Angeline A.B. 1932, The George Washington University	Va.
Golenta, Amelitia Beryl A.B. 1932, West Virginia University	W.Va.	Polacoff, Yetta A.B. 1922, The George Washington University	Va.
Haycock, Bernardine Janney A.B. 1929, The George Washington University	D.C.	Portnoy, Eunice Liebman B.S. 1929, University of Chicago	Ill.
Reinzel, Carl Fredenck B.S. 1928, University of Iowa	Pa.	Sanders, Halford Ballou A.B. 1930, Harvard University	D.C.

FEBRUARY 22, 1935

Cockery, Opal Grace A.B. 1912, The George Washington University	D.C.	Thompson, William Dove A.B. 1930, The George Washington University	Va.
Crain, Naomi Virginia A.B. 1931, The George Washington University	D.C.	Trail, William Perry A.B. 1927, Western Maryland College	Md.
Deffenbaugh, Ruth A.B. 1927, West Virginia University	D.C.	Wassmann, Katherine Mary A.B. 1933, The George Washington University	D.C.
Foster, Terry Clarence A.B. 1923, Tulane University	D.C.	Yeck, Lois Ellen A.B. 1928, University of Washington	Idaho
Gessford, Margaret A.B. 1926, The George Washington University	D.C.		

MASTER OF ARTS IN HOME ECONOMICS

JUNE 6, 1934

Lunenburg, Lillian Ida B.S. 1930, University of Maryland	Ind.
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DOCTOR OF EDUCATION

JUNE 6, 1934

Smith, Walter Irvine A.B. 1911, Union College M.S. 1917, Whitman College Thesis: "Higher Education Among the Seventh Day Adventists"	Calif.
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THE SCHOOL OF GOVERNMENT
BACHELOR OF ARTS IN GOVERNMENT

JUNE 6, 1934

Dillman, Virginia-Lee
Fischer, Paul Allan
Goda, Rena
Haddox, Horace Bolivar, Jr.
Haynes, Gideon Leslie
Hedges, Florence
Herzog, Robert Philip
Keesey, Truman Joseph
Liebler, Margaret Antoinette
Mohagen, Verna Clarice
(With distinction)

D.C. Murphy, Elliott Munroe
Va. Myers, Naomi Pearl
D.C. Nelson, Garland Haislip
Md. Parks, Mary-Louise
D.C. Poor, John Wilbert
D.C. Rice, George Milton
D.C. Smalley, Henry Sonna
Pa. Stevenson, Frederic Charles
D.C. Waesche, William Ellsworth
N.Dak. Wells, George W.

OCTOBER 17, 1934

Drury, John Burke
LeMénager, Henri Victor

Va. McPeak, William Wallace
D.C. Vallesteros, Pastor Cristobal

FEBRUARY 22, 1935

Gav. Karl Emmerich
Parker, Laurence

Mass. Powell, Milton J.
Md.

THE DIVISION OF LIBRARY SCIENCE
BACHELOR OF ARTS IN LIBRARY SCIENCE

JUNE 6, 1934

Atwell, Harriet Johnston
Benton, Mildred Catherine
Bielousa, Eva Gabrielle
Bonwit, Mildred Marianne
(With distinction)
Carlson, Ruth Edith
Casteel, Miriam Elizabeth
Catling, Dorothy Grace
Cox, Ada Louise
Davey, Grace Elizabeth
Diamond, Isabella Stevenson
A.B. 1917, Bryn Mawr College
Gifford, Hortense Elizabeth
Gray, Gertrude Welch
Hawkins, Virginia Friedlin
Huddle, Miriam West
Hughes, Alice Virginia
Hunt, Patricia Catherine
Kees, Nanele Arzt
B.S. 1926, University of Minnesota
Kissling, Elise Wildman
A.B. 1920, The George Washington
University
Lu, Da-June
Lynch, Mary Margaret
(With distinction)
Marshall, Miriam Ivy

Ohio McKavitt, Matthew A.
D.C. A.B. 1932, The George Washington
D.C. University
Tex. McNeill, Elizabeth
Myers, Martha Alva
D.C. Perrin, Mary Herndon
D.C. Powell, Alice Ruth
D.C. Rees, Howard David
Va. Shaffer, Dorothy Wilt
Pa. Sommer, Monta Ruediger
N.Y. Stam, Lillian Roberts
A.B. 1928, The George Washington
University
D.C. Tabb, Frances
Mo. A.B. 1911, Mary Baldwin College
D.C. Tepper, Gladys Devera
D.C. Tombaugh, Martha Bausman
Md. A.B. 1933, Goucher College
D.C. Trew, Alice Olivia
Minn. Voigt, Marion Viola
D.C. White, Mabel Louise
A.B. 1932, Mississippi State College
for Women
D.C. Williford, Mildred Emma
Va. Wolfe, Estella Alvina
A.B. 1912, The George Washington
University
D.C. Zwilling, Hilda Antoinette
(With distinction)

Degrees Conferred

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OCTOBER 17, 1934

Thorne, Francis Bowen

D.C.

FEBRUARY 22, 1935

Corson, Dorothy Marshall
A.B. 1930, Goucher College

D.C.

Haynes, Mary Hazeltime
Sherier, Elizabeth

N.C.
Va.

MASTER OF ARTS IN LIBRARY SCIENCE

JUNE 6, 1934

Severance, Belknap

Mass.

A.B. 1909, Mount Holyoke College

THE DIVISION OF FINE ARTS

BACHELOR OF ARTS

JUNE 6, 1934

Cutler, Katherine Marie
James, Irene Dwyer
Lee, William Vanaman

Md

Williams, Myrta Dutton
(With distinction)

D.C.

Ohio

N.J.

FEBRUARY 22, 1935

Dreyfuss, Edmund Woog

D.C.

Goonb, Arthur Selig

D.C.

BACHELOR OF ARCHITECTURE

JUNE 6, 1934

James, Irene Dwyer

Ohio

Spano, Edward Romualdo
A.B. 1932, The George Washington
University

D.C.

BACHELOR OF FINE ARTS

FEBRUARY 22, 1935

Flax, David Morton

D.C.

A.B. 1934, The George Washington
University

HONORARY DEGREES

DOCTOR OF LAWS

JUNE 6, 1934

Hull, Cordell
Newcomb, John Lloyd

Willard, Arthur Cutts

FEBRUARY 22, 1935

Bell, Ulric
Essary, Jesse Frederick
Hayden, Jay G.
Lippmann, Walter

Ross, Charles Griffith
Wallen, Theodore Clifford
Van Anda, Carr V.

PROFESSORS EMERITUS

JUNE 6, 1934

Brandenburg, Edward Charles—*Professor of Law*

Smith, Charles Sidney—*Professor of Classical
Languages.*

SCHOLARSHIPS AND AWARDS

HOLDERS OF SCHOLARSHIPS

1934-35

- The Byron Andrews Scholarships:* Mary Margaret Ferry, Helen Elizabeth Brown.
The Emma K. Carr Scholarships: John Griffiths Barry, Edmund Cody Burnett, Jr., Harold Albert Craft, Alex Berkeley Crampton, Arthur Vincent Danner, Benjamin Lawrence Davis, Horace Featherstone Drury, Marcus Peter Goumas, John Herman Kuitert, James Histed Lewis, John Henry Risse, Jr.
The Maria M. Carter Scholarship: Armand Byron Gordon.
The Citizens Military Training Camp Scholarships: Edmund David Rauch.
The C. Lundham Women Scholarships: Irma Hazlett Belk, Peggy Elizabeth Svenson Duncan, Agnes Elizabeth Shapert, Josephine Miriam Chapin.
The Louise Dyer Scholarship: Eunice Reba Swick.
The Robert Farnham Scholarships: Robert Keile Stewart, Jane Hilton Esch.
The Emma Leary Harvey Scholarship: Nina Kathryn Kilgour.
The H. H. School Scholarships:
Amos Kendall Scholarships: Margaret Elizabeth Graves, Marjorie Alice Sehorn, Charles Daniel Garber.
University Scholarships: Margaret Belnick, Alison Renee Claflin, Beverly Agnes Emmert, Richard Castelman Evans, James Merrick Hall, Joe Allen Jones, Charles Leslie Nash, Jr.
The John Hitz Mercantile Scholarship: Uthai Vincent Wilcox, ad.
The Mary Lowell Stone Scholarship: Sarah Elizabeth McElroy.
The Trustees Scholarships: Richard Luke Bailey, Robert Merritt Baker, Jr., Edwin Menton Cage, Jr., Fred Luke Crabbe, Jr., Austin Phillips Garris, Thomas Henry Johnston, Jr., John Winn Kennedy, Roger Calvin Power, Jr., John Beverley Riggs, Vernon Bishop Ross.
Half Tuition: George Robbins Brown, Kenneth Walter Eells, Guy Ervin, Jr., Joseph Marshall Mason, Theodore Kay Pasma.
The William Walker Scholarship: Raymond Holdsworth Firth.
The John Huntington Scholarship: Josephine Miriam Chapin.
The Ellen Woodhull Scholarships: Ethel Mary Nelson.

AWARDS

1933-34

- Alpha Chi Sigma Freshman Prizes in Chemistry:* Charles Thomas Bagley, Guy Ervin, Jr., Marcus Peter Goumas.
Alpha Chi Sigma Senior Prize in Chemistry: Charles Monroe Kretschman.
Alpha Delta Pi Prize in French: Robert Phillip Lane.
Alpha Delta Theta Prize in Chemistry: Julia Elizabeth Gemmill.
Alpha Kappa Psi Award in Commerce: John Wilbert Poot.
Civitanes Prize in Social Sciences: Verna Clarice Mohagen.
E. K. Gutter Prize in English: Catherine Robina Prichard.
Daughters of the American Revolution Prize in American History: Moses Hamblin Cannon.
William Thumwell Davis Award in Ophthalmology: Virgil Jackson Dorset.
Delta Sigma Rho Prizes to the winners of the interfraternity debates: Sigma Kappa, Phi Sigma Kappa.
Delta Tau Delta Activity Prize: Ludwig Cammatta, Jr.
Delta Zeta Prize in History: Henry Brenckmann Ruley.
Ernest R. Fitch Prize in Patent Law: Mark Hudson Rathburn.
Edward Curington Goddard Prize in Chemistry: John Keenan Taylor.
James D. Wells Goddard Prize in French: Helen Rose Aarons.
Marcus Richard Goddard Prize in Pharmacy: George Allen Emmart.
Samuel Herbert Goddard Prize in Commerce: Verna Clarice Mohagen.
How Glass Award for Sophomore Scholarship and Achievement: Marjorie Alice Sehorn.
Gardner G. Hubbard Award in History: Eleanor Woodward King.
Kalotowski Prize in Pharmacy: Julius Epstein.

Kappa Delta Prize for Freshman Scholarship: Verna Volz.
Kappa Kappa Gamma Prize in Botany: Margaret Elizabeth Graves.
John B. Larnet Prize in Law: Stanton Canfield Peeble, Jr.
John Ordronaux Prizes in Law: First year: Whitfield Huff Marshall; Second year: Oswald Symons Colclough.
John Ordronaux Prize in Medicine: Henry Lincoln Peckham, Jr.
Phi Delta Prize in Zoology: Camille Jacob
Phi Eta Sigma Awards for Freshman Scholarship: Joseph Goldman, Gilbert Frank Kloth.
Pi Beta Phi Activity Prize: Clara Etta Critchfield.
Sigma Delta Phi Prize in Oratory: Rogelio Alfaro.
Sigma Kappa Prize in English Rhetoric: Verna Volz
Sigma Kappa Prize in Chemistry: Charles Wayne Miller.
James MacBride Sturges, Jr., Prize in Physics: Harry Lawrence Clark.
Thomas F. Walsh Prize in History: Shawn Sheahan.
Alexander Willbourne Weddell Peace Prize: James Hall Ronald.

STUDENT ASSISTANTS

1933-34

Botany: Wilbur Vaughn Harlan, Mary Elizabeth Pierce, Robert Louis Weintraub.
Chemistry: Selby Brinker Davis, Mary Joan Doyle, William Anton Heine, Elizabeth Margaret Hewaton, Charles Maxwell Hunt, James H. Kettering, Leonard Laurence McKinney, Jackson Morris, Thomas Doran O'Brien, Mary Alice Phillips, Ralph Day Remley, DeWitt Smith, Louise Jacobs Stull, Charles Dunkhorst Weber, Floyd Henry Wirsing.
Civil Engineering: James Lloyd Johnson, B.S. in E.E., Edgar Strover Walker.
Economics: Virginia Pocahontas Eskew, George Young Jarvis, Samuel Levin, Quentin Dwyer, Watson, Charles Rowland Weaver.
Electrical Engineering: George Harding Mortimer.
English: Arthur Reaney Murphy.
Geology: Myer Harold Stolar.
Government: Alicia Howard Mooney.
History: Mary Elizabeth Rose.
Law: Donald Leroy Wilkins.
Library: Reba Elaine Barton, Miriam Elizabeth Casteel, Marion Laura Erwin, Janet Foster, Leta Hughes, Camille Jacob, Lawson Morell McKenzie, Nora Hay McKirdy, Fletcher Melville Milbourne, Frances Louise Qualtrough, James Clifton Quick, Howard David Rees, Sidney Bunker Smith, A. B. Phoebe Elizabeth Weaver, Hilda Antoinette Zwilling.
Mathematics: Richmond Tucker Zoch.
Mechanical Engineering: William Hayward Dix, B.S. in E.E.
Philosophy: William Gerber.
Physical Education for Women: Christine Louise Herrmann.
Physics: Nathan Goldman, John Henry Rixse, Jr.
Political Science: John Andrew Aman, James Histed Lewis, Eleanor Elizabeth Martel.
Psychology: Adele Gusack, Sarah Elizabeth McElroy, Myrtle Posey Knott, Miriam Thelma Rothman, Marjorie Alice Sehorn.
Public Speaking: Lillian Edith Fogg.
Sociology: Myrtle Cohen, Helen Merryman.
Zoology: Robert Nepht Anderson, Paul Fredericq Dickens, Jr., Harry Alfred Feldman, Lucy Frankmann Ruley, Camp Stanley Huntington, Ellen Wynne Pasmjak, Charles Randolph Richardson, Henry Brockmann Ruley.

STUDENTS REGISTERED

1934-35

The names of all students registered during the regular sessions in all Colleges, Schools, and Divisions of the University appear in alphabetical order. Students who withdrew at the close of the first semester by graduation are indicated by an asterisk (*); others who were registered for the first semester only are indicated by a dagger (†); students registered for the second semester only are indicated by a double dagger (‡).

The College, School, or Division in which the student is registered is indicated after each name. Arabic numerals indicate the semester-hours of credit at the date of first registration for the 1934-35 regular sessions. Roman numerals after the names of students in the School of Medicine and the Law School indicate the year of the course in which each student is registered.

The following abbreviations are used:

Jun.—The Junior College
Col.—Columbian College
Grad.—The Graduate Council
Med.—The School of Medicine
Law—The Law School
Eng.—The School of Engineering
Phar.—The School of Pharmacy
Ed.—The School of Education

Govt.—The School of Government
Univ.—The Division of University Students
L.S.—The Division of Library Science
F.A.—The Division of Fine Arts
Uncl.—Unclassified
Ind.—Independent Study Group

A

†Aal, Cary Wolcott (Govt. 109)	N.Y.	Adams, Norwood (Col., A.M.)	Ill.
Aaranson, Eva Goldiner (Univ.)	D.C.	B.Ed. 1930, Illinois State Teachers College	
Abbe, Petrena (Med. III)	D.C.	†Adams, Olive Emily (Univ.)	D.C.
Abbott, Albert William (Univ.)	Tex.	A.B. 1933, Swarthmore College	
Abbott, Edward E. (Law III)	Mass.	Adams, Richard Manning (Jun.)	Ill.
A.B. 1929, Dartmouth College		†Adams, Roger Brooke, Jr. (Univ.)	Va.
Ableman, Percival Joseph (Law I)	Del.	Adams, Ruth (Ed. 101)	D.C.
A.B. 1934, University of Delaware		Adams, Thomas Tunstall (Univ.)	Va.
Abraham, Floyd Harold (Jun. 44)	D.C.	†Adams, Willis Rudolph (Univ.)	D.C.
Abraham, Stuart Broadus (Jun. 33)	Va.	†Aetopoulos, George (F.A., Uncl.)	D.C.
Abramson, Albert (Jun.)	D.C.	A.B. 1934, The George Washington University	
Abramson, Herbert (Med. IV)	D.C.	†Ager, Howard C. (Law I)	Mont.
A.B. 1924, A.M. 1935, The George Washington University		A.B. 1933, University of Montana	D.C.
Abramson, Margaret (Col., A.M.)	Va.	†Agey, Davis M. (Eng. 45)	Iowa
A.B. 1932, The George Washington University		Agnew, Wallace Bryant (Univ.)	Va.
Abrach, Louis Boris (Jun. 35)	N.Y.	Ahalt, Katherine Burdell (Jun. 56)	Nebr.
†Ackerman, George William (Univ.)	D.C.	Ahern, Bernard Leo (Jun.)	D.C.
Ackerman, Samuel (Jun. 64)	D.C.	Ahrens, Arletta (Univ.)	
Ackermann, Roland F. (Col. 127)	Iowa	A.B. 1924, The George Washington University	D.C.
Adam, William Alexander (Eng.)	D.C.	Ahrens, Thomas Patrick (Univ.)	D.C.
Adams, Edmond (Univ.)	D.C.	†Aiken, Jesse Edward (Col., A.M.)	
Adams, John Bun, Jr. (Jun. 85; Univ.)	Kans.	A.B. 1932, Duke University	Kans.
Adams, Lois Matcovs (Law I)	Pa.	Aiken, Paul Case (Law, LL.M.)	
Adams, Milton Norris (Jun.)	D.C.	A.B. 1929, University of Kansas	
		L.L.B. 1934, The George Washington University	

- †Aiken, William Mathew (Law, LL.M.) Iowa
A.B. 1931, Simpson College
J.D. 1933, State University of Iowa
- Aitchison, Bruce (Law, LL.M.) Oreg.
LL.B. 1933, The George Washington University
- Akin, Eleanor Stone (Jun.) D.C.
- †Akre, Eugene C. (Jun.) S.Dak.
- †Akre, Ruben T. (Univ.) Va.
- Albee, Richard Sumner (Jun., Ind.) D.C.
- Albert, Arnold (Med. IV) N.Y.
- Albert, Irvin Robert (Law I) D.C.
- Albert, John Jacob (F.A. 112) D.C.
- Albert, William Lawrence (Jun. 65) D.C.
- †Albright, William Vance (Univ.) S.C.
B.S. 1927, Alabama Polytechnic Institute
- Alden, Manning Wallace (Jun. 16) Md.
- Aldrich, Helene Rachel (Col. 113) Ill.
- †Aldrich, Rosemary (Jun. 6) Ill.
- †Alexander, Dean Stanley (Ed. 79) Okla.
- †Alexander, Libbie S. (Univ.) D.C.
- †Alexander, Mary Louise (Jun.) D.C.
- Alexander, Pearl Last (Univ.) D.C.
- †Alexander, Roy Malcolm (Jun. 46) Pa.
- Alexander, Theodore Mack (Law I) Calif.
- Alexander, Urey Woodson (Eng. 16) Ky.
- Alfaro, Eduardo (Jun. 60; Law I) Panama
- †Alford, Bernard S. (Col., A.M.) Mich.
A.B. 1933, The George Washington University
- †Alford, James Strickler (Univ.) Mo.
- Alford, Leonard B. (Law I) Okla.
- A.B. 1931, University of Oklahoma
- †Alford, Robert Hicks (Law I) Va.
- †Algire, Dorothy Duvall (Jun. 85) Md.
- Algire, Kent Duvall (Jun. 44) Md.
- All, Robert Edward (Jun. 70, 28) Ga.
- Allen, Audrey Joyce (Jun. 59) Calif.
- Allen, Dewitt Clinton (Jun. 61) D.C.
- *Allen, Grandison Greer (Law III) Ky.
- A.B. 1910, Vanderbilt University
- Allen, Horton Sumner, Jr. (Jun. 54) D.C.
- †Allen, Hugh Arthur (Jun.) Va.
- Allen, James Morton (Jun. 15) Va.
- †Allen, John Eldridge (Col., A.M.) Fla.
B.S. 1934, University of Miami
- Allen, Joseph F. (Eng. 111) D.C.
- Allen, Josephine Jane (Jun.) D.C.
- Allen, Mabel Randolph (Ed., A.M.) Va.
- A.B. 1924, University of Richmond
- Allen, Marjorie Florence (Jun.) Me.
- †Allen, Martha Frances (Univ.) Miss.
A.B. 1928, Mississippi State College for Women
- A.M. 1930, Columbia University
- Allen, Morse (Jun. 58.6) Iowa
- Allen, Ruth Augusta (Jun. 33) D.C.
- Allen, Ruth Joyce (Col. 74) D.C.
- Allen, Walton S. (Law I) Okla.
- †Allen, Wilbur Ray (Jun. 9) Ind.
- †Allison, James Robert (Eng.) Ind.
- †Allison, Joseph E. (Jun. 27) Va.
- Allison, William Morris (Col. 91)
- †Allnutt, Fannie Waters (Jun.)
- Alm, Carlton F. (Law II)
- †Alpher, Anne Marie (Univ.)
- Alpher, Robert Jerome (Law II)
- B.S. 1911, The George Washington University
- †Alseen, Myrtle F. (Univ.)
- Alsop, Philip Roy (Univ.)
- Alsop, Walter James (Jun. 30)
- †Althen, Alice Regina (Ed. 92)
- Altman, Irving Harold (Col. 88)
- Alvord, Charles Hulbert, Jr. (Jun. 1)
- Amadon, Frederick W. (Eng.)
- Aman, John Andrew (Grad.)
- A.B. 1920, A.M. 1922, The George Washington University
- †Amato, David Norris (Col. 72)
- Ambler, George Chester (Jun.)
- Ames, Harry C., Jr. (Jun. 61)
- Ames, Jacquelin (Univ.)
- Amick, Kenneth Dean (Law I)
- †Amicon, Matilda Maria (Univ.)
- Amis, Fernando T. (Univ.)
- †Ammerman, Harvey Hirsch (Eng.)
- †Amos, Henry E. (Col., A.M.)
A.B. 1912, The George Washington University
- Anda, Magnus (Eng. 88)
- B.F.S. 1925, Georgetown University
- Andersen, Ann Luella (Univ.)
- Andersen, Daniel J. (Jun. 60)
- Anderson, Anne Johnston (Law I)
- A.B. 1914, Winthrop College
- Anderson, Arvid Ruben (Jun.)
- Anderson, Bowman Cowne (Law II)
- Anderson, David Frederick, Jr. (Eng. 64)
- †Anderson, Doris M. (Univ.)
- †Anderson, Donald E. (Univ.)
- A.B. 1928, Michigan State College
- Anderson, Edward McMahon (Law II)
- A.B. 1932, University of Arkansas
- Anderson, Ellen Lamon (Univ.)
- A.B. 1931, A.M. 1933, The George Washington University
- †Anderson, Forrest Howard (Jun. 26.66)
- Anderson, Garfield O. (Law I)
- A.B. 1914, University of Utah
- †Anderson, Gladys Irene (Univ.)
- B.S. 1911, College of William and Mary
- Anderson, Helen S. (Jun. 18)
- †Anderson, Inez L. (Univ.)
- †Anderson, Jack Gilbert (Jun. 50)
- Anderson, James Maurice (Jun. 40)
- †Anderson, Jane H. (Jun., Incl.)
- †Anderson, John Byron (Univ.)
- †Anderson, Katherine C. (Univ.)
- †Anderson, Mildred H. (Ed., A.M.)
A.B. 1930, The George Washington University
- †Anderson, Nora Mary (Univ.)
- A.B. 1913, D'Youville College

Students Registered

XXV

Anderson, Paul H. (Col. 102)	W Va.	†Ashcraft, Thomas Ross (Jun.)	Ark.
Anderson, Robert N. (Col., A.M.)	D.C.	Ashie, Milton (Law I)	N. Dak.
A.B. 1928, University of Utah		Asher, Florence (Jun. 24)	D.C.
Anderson, Ruth Eleanor (Jun.)	Colo.	Asher, John W., Jr. (Jun. 92)	Mo.
Anderson, Arden Leedy (Jun.)	D.C.	Ashman, Ethel Hull (Ed., A.M.)	Wash.
Anderson, Paul (Jun. 30)	Colo.	A.B. 1914, University of Washington	
Andrews, Rebecca Elizabeth (Univ.)	D.C.	†Ashton, Henry George (Eng. 56)	D.C.
A.B. 1922, M.S. 1930, University of Georgia		Ashton, Mildred (Jun. 24)	Pa.
Andrick, Katherine Naomi (Univ.)	Va.	†Ashworth, William James (Jun. 9)	Oreg.
Anger, James Franklin (Col., A.M.)	D.C.	Aston, Clyde Weldon (Law III)	Tex.
B.S. 1933, The George Washington University		A.B. 1931, Austin College	
Angus, Betty (Jun.)	D.C.	Aten, Ralph P. (Law II)	D.C.
Angus, James Harold (F.A., Uncl.)	Tex.	A.B. 1924, The George Washington University	
Ansell, Nancy Lydia (Jun.)	D.C.	Atkins, Robert Stanton (Jun.)	D.C.
Ansell, Samuel Tilden (Law II)	D.C.	†Atkinson, Albert S. J., Jr. (Eng., Uncl.)	D.C.
Anscombe, Bertram (Univ.)	D.C.	†Atkinson, Charles P. (Law I)	Tex.
Ansley, Uplight Shorter (Govt. 78 66)	Ga.	†Atkinson, Reilly, Jr. (Col., A.M.)	Idaho
Anthony, Ruth Isabella (Law I)	N.Y.	A.B. 1934, University of Washington	
A.B. 1928, Wilson College		†Atkins, Gwendolyn Fern (Jun.)	D.C.
Appich, Anna Virginia (Univ.)	D.C.	†Atwood, Dorries Mildred (Univ.)	Me.
Appich, Frances Elizabeth (Univ.)	D.C.	†Aud, Kathleen Louise (Univ.)	Md.
Appich, Jane Eugene (Jun.)	D.C.	A.B. 1927, The George Washington University	
Appich, Francis William (Jun. 21)	D.C.	†Aud, Susan E. (Univ.)	Md.
Appel, David (Jun. 15)	Va.	A.B. 1937, The George Washington University	
Armstrong, Therese Vivian (Jun. 12)	La.	Aud, William Dudley (Med. IV)	Md.
Arner, James Edwin (Law I)	Tex.	A.B. 1932, The George Washington University	
B.S. 1932, Rice Institute		†Auerbach, Rita Pearl (Univ.)	Ill.
M.S. 1931, Massachusetts Institute of Technology		†Ayre, Vivian Eastwood (Univ.)	D.C.
Arndt, Katherine (Univ.)	D.C.	B.S. 1911, Virginia Polytechnic Institute	
A.B. 1931, The George Washington University		†Ayres, Dwight Taylor (Univ.)	Va.
A.M. 1932, University of Maryland		Azcuenaga, Ethylrae M. (Jun. 21)	D.C.
Arnsperg, Isabel Herman (Jun.)	Ohio		
Arns, Emanuel A. (Univ.)	P.I.	B	
Arns, Marcus (Eng. 6)	D.C.	Baart, Catharine C. (Jun. 26)	N.Y.
Arnsperg, Richard F. (Law I)	N Mex.	†Babcock, Aubrey Helen (Univ.)	D.C.
A.B. 1930, University of New Mexico		Babcock, Wallace Irvine (Eng.)	D.C.
Armstrong, Charles Francis (Jun. 57)	Va.	Baber, Leonard C. (Eng. 97)	D.C.
Armstrong, William R. (Law I)	Md.	†Babs, Lawrence Henry (Jun.)	Wash.
Ann, Thelma A. (Jun.)	D.C.	Backus, Curtis Beall, Jr. (Eng. 58)	Va.
Annell, Philip (Law III)	D.C.	Backus, William Mansfield (Jun. 29)	Va.
B.S. 1933, The George Washington University		Bacon, Ann Elizabeth (Jun. 78)	D.C.
Arone, Helen Rose (Col., A.M.)	D.C.	Baer, George (Med. IV)	D.C.
A.B. 1934, The George Washington University		Baer, Margaret Hollins (Jun. 30)	D.C.
Arps, Harold Frederick (Law III)	D.C.	Bahar, Mathilde (Univ.)	Del.
A.B. 1932, The George Washington University		Bailey, Clara Lucile (Col., A.M.)	Pa.
Arrington, Anne Gertrude (Jun. 24)	D.C.	A.B. 1931, Western Reserve University	
†Arry, Lena Clemans (Col., A.M.)	Va.	Bailey, Ethel Evelyn (Jun. 45)	D.C.
A.B. 1927, College of William and Mary		Bailey, Frank E. (Eng. 107)	D.C.
Ash, A. Russell (Law I)	Okla.	Bailey, James, Jr. (Law II)	Tenn.
A.B. 1934, William Jewell College		Bailey, Lawrence Kent (Govt. 99)	Kans.
Ashie, Richard (Eng.)	Ill.	†Bailey, Richard Lake (Jun.)	D.C.
Ashman, Ruth (Jun., Ind.)	D.C.	Bailey, William Henry, Jr. (Jun. 29)	D.C.
†Ashcraft, John Billa (Law I)	N.C.	Bailey, William Otis (Jun.)	D.C.
B.S. 1917, University of North Carolina		Bain, Wendell H. (Col. 99)	Iowa
		Bair, Dorothy Ruth (Jun. 76)	Mizh.

Baird, Douglas Otis (Law II)	N.Y.	Barbers, John George (Jun. 78)	N.Y.
B.S. 1930, Alabama Polytechnic Institute		†Barbour, Robert T. (Jun.)	Ma.
Baker, Alida Annet (Col. 82)	Mass.	†Bardon, John Alexander, Jr. (Univ.)	Wa.
Baker, Anna Thurman (Jun. 40)	Va.	Barger, Alphonso S. (Law I)	Ala.
Baker, Barbara Caroline (Univ.)	D.C.	B.S. 1932, Howard College	B.
Baker, Chester Heaton (Jun. 22)	D.C.	Barker, Clifford Oman (Law III)	Ky.
Baker, Edward Arnold (Eng. 57)	D.C.	Barkley, William C. (Univ.)	D.C.
Baker, John Walton (Law I)	Mich.	Barkman, William E. (Jun. 88)	
†Baker, Lenore Mary (Ed. 86)	D.C.	LL.B. 1923, The George Washington University	D.C.
Baker, Nellie C. (Univ.)	D.C.	Barlow, Baby Jo (Jun.)	Ala.
Baker, Robert Elwood (Jun. 31)	D.C.	Barlow, Homer Joel McK. (Law III)	Unk.
Baker, Robert Merriett, Jr. (Jun.)	Colo.	A.B. 1929, Alma College	Unk.
Baker, William Elwood (Ed., Ed.D.)	D.C.	Barlow, Milton A. (Jun. 39)	N.Y.
A.B. 1917, A.M. 1921, Colorado State Teachers College		Barnes, Helen Kathleen (Jun. 21)	Va.
Baker, William Wilson (Jun.)	D.C.	Barnes, James Thomas (Univ.)	
Baker, Wilma E. (Law II)	N.Dak.	Barnes, Samuel Innis (Law I)	D.C.
Bakum, Walter Alfred (Jun. 26)	N.J.	A.B. 1934, Duke University	D.C.
Balch, Moulton H. (Jun. 62)	Me.	Barnett, Alvin Russell (Eng. 67)	D.C.
†Baldwin, Carrie Belle (Univ.)	Tex.	†Barnhart, Arthur G. (Univ.)	D.C.
A.B. 1927, The George Washington University		Barnhart, N. G. (Col. 112; Govt., A.M.)	Calif.
A.M. 1932, Columbia University		Barnum, Glenn L. (Med. II)	
Baldwin, Jean Cameron (Jun. 18)	Va.	B.S. 1910, A.M. 1931, The George Washington University	D.C.
Baldwin, Stephen Glidden (Med. III)	Ill.	Baron, Catherine Shea (Jun. 82)	D.C.
†Ball, Frederic Leslie (Univ.)	Wash.	Barr, Dallas Morgan (Jun. 98)	Va.
B.S. 1931, University of Washington		Barrett, Henry Clay (Univ.)	Ill.
†Ball, Gordon Willard (Jun.)	Va.	Barrick, Berenice Sophia (Jun. 45)	Va.
†Ball, William Howard (Col., A.M.)	D.C.	†Barringer, Constance L. (Univ.)	Mich.
A.B. 1932, The George Washington University		Barringer, John Martin (Univ.)	
Ballard, Victor Herbert (Law I)	Ala.	B.S. 1912, M.S. 1933, University of Virginia	A.T.
Ballard, Virginia Elizabeth (Univ.)	D.C.	†Barron, Errol (Col. 69)	Pa.
A.B. 1934, Goucher College		Barron, Irvin (Jun.)	Va.
Ballou, Ewing Jay (Eng. 8)	D.C.	Barry, John Griffiths (Eng. 94)	B.I.
†Balz, Robert William (Univ.)	D.C.	Barstow, Wade Newman (Eng.)	N.Mex.
Banachowski, Chester (Univ.)	Pa.	†Barth, Benjamin (Jun. 33-5)	Pa.
Banker, Russell E. (Eng. 103)	D.C.	Bartlett, Orrin Hill (Jun. 24)	D.C.
Banks, Elizabeth Anna (Law I)	Conn.	†Bartlett, Ralph D. (Col., A.M.)	
A.B. 1932, The George Washington University		A.B. 1930, Princeton University	S.C.
Banks, Julia Ford (Jun. 91)	Va.	Bartley, S. Claude (Univ.)	D.C.
Banks, Lem (L.S., Uncl.)	Tenn.	Barton, Amy Wisner (Jun.)	Unk.
A.B. 1931, Southwestern University		Barton, Blayne Jones (Law I)	Id.
Banks, Wylie Coleman (Law III)	D.C.	Barton, Reba Elaine (L.S. 90)	Calif.
A.B. 1920, University of Alabama		†Bashore, Eugene H. (Jun. 28)	Ala.
Bannerman, Graeme Campbell (Law II)	D.C.	†Baskerville, Margaret Malone (Univ.)	
B.S. 1931, Hamilton College		A.B. 1934, Randolph Macon Woman's College	Ohio
Bannerman, Mary L. (Jun. 9)	Va.	Bass, Geneva (Jun. 46)	D.C.
Bannerman, Robert Lee (Jun. 66)	Va.	Bass, Joel Joseph (Jun. 46)	Ohio
†Bannon, Francis L. (Jun. 37)	Wash.	Bass, John L. (Col., A.M.)	
Banyasz, Lawrence (Eng., Uncl.)	D.C.	A.B. 1934, The George Washington University	D.C.
B.S. 1930, College of the City of New York		†Bass, Mary Etta (Univ.)	
Baptist, Thomas Goode (Law I)	Va.	A.B. 1906, Goucher College	D.C.
Baralt, Manuel M. (Med. II)	P.R.	A.M. 1917, University of Chicago	
A.B. 1934, The George Washington University		Bassett, John Earl (Col. 99)	
†Barbeau, Joseph A. (Univ.)	D.C.	LL.B. 1933, The George Washington University	Id.
Barber, Charles H. (Univ.)	Mass.	Bassford, James Cockrelle (Jun. 9)	K.
Barber, Frederick Willard (Jun. 26)	Calif.	Bassing, Milton Leonard (Law II)	
Barber, Hugh W. (Jun.)	Md.		

Baader, Anna Bowden (Law I) A.B. 1924, A.M. 1930, The George Washington University	D.C.	Beede, Kenneth Charles (Univ.) A.B. 1927, The George Washington University	D.C.
Baatable, Margaret Ann (Jun. 27)	D.C.	M.B.A. 1920, Harvard University	
Bateman, Jeanne Cecile (Univ.)	Va.	Been, Richard Olof (Jun. 74)	Mich.
Bateman, Roy Danby (Law III)	Va.	Beers, M. Marion (Jun. 6)	Mont.
B.S. 1932, The George Washington University		Beers, Robert S. (Col. 108)	Mo.
Bateman, Ruth H. (Univ.)	Fla.	†Bogley, Lee C. (Eng.)	Ind.
Bates, George Newcomb (Law III)	D.C.	Behn, Eric R. (Univ.)	N.Y.
Bates, 1930, Williams College		B.S. 1932, Cooper Union Institute	
Bates, Mary Ruth (Jun., Uncl.)	D.C.	Behn, Victor Dietrich (Col., A.M.)	N.Y.
Bates, Janet (Univ.)	Pa.	B.S. 1931, Cooper Union Institute	
A.B. 1928, Mount Holyoke College		Behrend, Amy Nordlinger (Law I)	D.C.
Bauer, Frank Charles (Univ.)	Wis.	A.B. 1931, Goucher College	
A.B. 1933, Beloit College		Beideman, Elliot F. (Univ.)	Calif.
Bauer, Grace Margaret (Col., A.M.)	D.C.	Belanger, Juliette Florence (Univ.)	Mass.
A.B. 1913, The George Washington University		Below, Ruth Patterson (Univ.)	D.C.
Baersfeld, Emil Herbert (Med. IV)	Md.	A.B. 1911, Randolph Macon Woman's College	
A.B. 1932, The George Washington University		Belk, Irma Hazlett (Med. III)	S. Dak.
Barkright, Fred Steele (Govt. 84)	D.C.	B.S. 1927, South Dakota State College	
Basor, George Edward (Eng. 95)	D.C.	Belknap, Marion Agnes (Ed., A.M.)	N. Dak.
Baum, Cleo P. (Univ.)	D.C.	A.B. 1928, University of North Dakota	
Bauman, I. Paul (Jun. 99)	D.C.	†Bell, Dorothy Ruth (Univ.)	D.C.
Bauman, Irving (Jun. 70)	D.C.	Bell, Hannah Perley (Jun. 42)	Mass.
Bauman, Mary Frances (Jun.)	N.J.	Bell, John O. (Law I)	Va.
Baumann, Bruce Henry (Univ.)	D.C.	B.S. 1934, The George Washington University	
Baumann, Ruth Mae (Univ.)	Nebr.	Bell, Margaret Agnes (Univ.)	D.C.
Basley, Louise Italia (Jun. 85)	Va.	†Bell, Walter (Jun. 32)	D.C.
Baxter, Cecil Clayton (Jun. 3)	Ga.	†Bell, William Polson (Jun. 48)	Va.
Bayer, Gus M. (Jun., Uncl.)	D.C.	†Bellows, Everett Hollis (Jun. 36)	Md.
Baylor, Emily Graburn (Jun.)	Ky.	†Belnick, Esther (Jun. 39)	D.C.
Beach, Audrey Lee (Univ.)	D.C.	Belnick, Margaret (Jun.)	D.C.
Beach, Robert Page (Col. 68)	D.C.	Belser, William Gordon Jr. (Law I)	S.C.
Beach, William Pearce (Jun.)	Iowa	A.B. 1932, The Citadel	
Becker, Milton (Med. III)	Md.	A.M. 1933, University of South Carolina	
Beale, G. William (Univ.)	N.Y.	†Belote, Hazel Eleanor (Ed. 84)	D.C.
Bealke, Helen Margaret (Jun. 18)	D.C.	Belt, Audrey L. (Univ.)	D.C.
Beall, Hazel Spear (Univ.)	Mo.	A.B. 1932, American University	
Beall, John Rodgers (Law I)	D.C.	Belt, Ralph William (Jun.)	Va.
B.S. 1932, University of Maryland		Benefield, Arnold Milton (Jun. 58)	Ill.
†Bean, George Thaddeus (Jun.)	D.C.	Benjamin, Lemuel George (Law II)	S.C.
†Bean, Helen (Univ.)	D.C.	A.B. 1922, University of South Carolina	
B.S. 1919, James Millikin University		Bennett, Allen (Jun. 62)	D.C.
A.M. 1928, Columbia University		Bennett, Bruce Hardy (Med. I)	Fla.
Beane, John R. L., Jr. (Eng. 50)	D.C.	†Bennett, Clarence Henry (Law II)	Md.
†Beard, Herrick Franklin (Eng. 52)	Mo.	A.B. 1928, Western Maryland College	
Beasley, Delmar Otis (Law II)	Miss.	Bennett, Edwin (Govt., Uncl.)	Va.
A.B. 1934, The George Washington University		Bennett, Elizabeth Jane (Jun. 6)	D.C.
†Beattie, Edith M. (Jun. 18)	Va.	Bennett, Everett G. (Eng. 45)	Oreg.
Beattie, Eugene Martin (Univ.)	N.Y.	†Bennett, George Allen (Univ.)	D.C.
Beatty, James Sweetman (Univ., Col. 92)	D.C.	A.B. 1924, Wabash College	
Beck, Charles Joseph (Jun.)	Md.	Bennett, Lorenzo Thompson, Jr. (Law II)	Mich.
Beck, Manuel Hoyer (Jun.)	D.C.	†Bennett, Mary Elizabeth (Jun.)	D.C.
Becker, Benjamin Eli (Eng. 15)	Okla.	Bennett, Robert Dana, Jr. (Eng. 114)	D.C.
Becker, Carolyn Jane (Col. 93)	N.Y.	Bennett, W. DeWitt (Col., A.M., Univ.)	Oreg.
Beckel, Harold (Med. II)	D.C.	A.B. 1933, The George Washington University	
B.S. 1933, Alfred University	N.J.	Benney, Marie C. (Univ.)	D.C.

†Bennion, Donald C. (Law I)	Utah	†Billings, Samuel Clark (Univ.)
B.S. 1933, University of Utah		B.S. 1930, Massachusetts State
Bensinger, Mark (Eng. 90)	D.C.	College
Benson, Bernard Hepburn (Eng. 41)	D.C.	†Billman, Keith Charles (Jun. 61)
Benson, Fae (Jun. 55)	M.I.	Birch, Catharine (Med. II)
Benson, Morris (Law I)	D.C.	A.B. 1932, The George Washington
Bentley, Oace Marbury (Law I)	D.C.	University
B.S. 1929, Howard College		Bird, Walter Moore (Jun. 27)
†Berberich, Joseph A. (Univ.)	D.C.	†Birdsell, John Edmund (Univ.)
Berg, Clarence (Jun. 30)	N.J.	Birge, Judith Vance (Jun. 104)
†Bergelin, Helena B. (Univ.)	D.C.	Birkel, Benedict Herman (Med. I)
A.B. 1920, University of Wisconsin		B.S. 1934, Moravian College
†Berger, Herman (Phar., Uncl.)	N.Y.	Birmingham, Alfred Nelson (Jun. 32)
B.S. 1934, St. Bonaventure College		Biron, Naomi Bessye (Jun.)
Bergstrom, Kenneth (Law I)	Minn.	*Birthright, Adnah Judge (Ed. 123)
A.B. 1932, Gustavus Adolphus College		†Bischoff, Harry Arthur (Eng.)
†Berkman, Dora (Univ.)	D.C.	Bischoff, John Lawrence (Law III)
†Berkman, Ethel (Univ.)	D.C.	A.B. 1911, University of Maryland
†Berkner, Lloyd Viel (Univ.)	M.I.	Bishop, Clair Rizer (Law I)
B.S. 1927, University of Minnesota		Bishop, Howard Weldon (Eng. 80)
†Berman, Beatrice (Jun. 8)	D.C.	†Bishop, Jane Evelyn (Univ.)
Berman, Leonard Stanley (Med. III)	D.C.	A.B. 1934, American University
Berman, William (Jun. 58)	N.J.	†Bishop, Virginia (Jun. 27)
†Berndt, Leo (Jun. 40)	Okla.	Bitzing, Doris Elizabeth (F. A. 61)
†Bernhard, James Walter (Jun.)	D.C.	Bjorklund, Louis J. (Ed. 84)
Bernheimer, Norman (Jun. 30)	Va.	†Black, Edwin Fahey (Eng. 27)
Bernheisel, William Franklin (Univ.)	Va.	†Black, Hattie Lee (L.S., Uncl.)
Bernstein, Charles (Jun.)	N.Y.	A.B. 1930, Alabama College
†Bernstein, Norman (Jun. 21)	D.C.	Black, Helen Louise (Ed. 92)
†Bernstein, Rena (Col., A.M.)	D.C.	†Black, Isidore I. (Jun. 13)
B.S. 1933, The George Washington		Black, Joel Cantrill (Eng. 77)
University		Black, Katherine Elizabeth (Jun. 30)
Bernstein, Robert (Jun.)	D.C.	†Blackburn, H. Lee (Law I)
†Berry, Edith Virginia (Univ.)	D.C.	A.B. 1929, University of Missouri
†Berry, Frank Charles (Univ.)	D.C.	Blackburn, James William (Law I)
Berry, Jasper M., Jr. (Jun. 77)	M.I.	Blackman, William M. (Col. 96)
Berry, Joseph Gilbert (Univ.)	Va.	Blaine, James William (Law I)
Berry, Kenneth Earl (Law I)	M.	Blake, Frank E. (Jun. 12)
†Berry, Kenneth Kelita (Col., A.M.)	N.Y.	†Blakeslee, Ada Clara (Jun.)
A.B. 1930, Amherst College		†Blalock, O. Madeline (Jun. 11)
†Berry, Mary (Jun.)	D.C.	Blalock, Sam Gordon (Law I)
Berry, Thomas Edward (Col. 75)	D.C.	Blanchard, Joy R. (Col. 116)
†Berryman, Louise Rhees (Univ.)	D.C.	Bland, Juliet (Ed. 99-13)
A.B. 1932, The George Washington		Bland, Raymond L. (Univ.)
University		Blasdel, Mary Alice (Jun. 30)
Bertolet, Samuel Luther (Law I)	N.J.	Blechman, Milton Howard (Jun. 53)
A.B. 1933, Muhlenberg College		Bledsoe, John Baker, Jr. (Jun.)
†Beat, Robert Harvey (Univ.)	D.C.	Blew, Forrest Allen (Eng. 116)
Betensky, Leon (Col., A.M.)	Iowa	Block, Herbert Edward (Jun.)
A.B. 1934, The George Washington		†Block, Raphael Herman (Law I)
University		Ph.B. 1933, University of Chicago
Bette, David Earle (Law III)	D.C.	Block, Raymond B. (Col., A.M.)
A.B. 1912, Norwich University		B.S. 1927, Massachusetts Institute
†Bialek, Lillian (Jun. 41)	D.C.	of Technology
Bialek, Samuel Maurice (Jun.)	D.C.	Blond, Hyman J. (Jun. 30)
Biddle, Gordon Cook (Law III)	N.J.	Blond, Ruth Theresa (Jun. 54)
B.S. 1931, Princeton University		†Blondheim, Beulah Etta (Univ.)
Bielous, Eva Gabrielle (L.S., A.M.)	D.C.	Bloom, Fredrick Kenneth (Col. 88)
A.B. 1934, The George Washington		Bloss, James Frank (Eng. 105)
University		Blum, Irwin Ellis (Law I)
Biggs, Paul Robert (Law I)	Oreg.	B.S. 1933, Brooklyn College
		Blum, Milton (Jun.)
		Blumenauer, Julie Elizabeth (Jun.)

Students Registered

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Wythe, Irene Thomas (Univ.)	D.C.	Bottimore, Edith Anne (Jun. 15)	Va.
Bobb, William T. (Jun. 30)	Md.	Boucher, Lionel Rene (Jun. 24)	N.H.
Bobskill, Stanley Wallace (Law II)	D.C.	†Boudinot, Robert C. (Jun. 38)	Iowa
A.B. 1931, The George Washington University		†Bounds, Roger Jackson (Law I)	Md.
Boek, Benjamin (Univ.)	N.Y.	A.B. 1924, Washington College	
B.S. 1930, College of City of New York		Bout, Catherine Louise (Jun. 24)	D.C.
A.M. 1934, The George Washington University		Bourke, Francis Evans (Eng. 82)	D.C.
Bodony, Anna M. (Law II)	Ill.	Boutin, Harold Lester (F.A. 91)	Mo.
Boche, Eleanor Elizabeth (Jun. 35)	D.C.	Bovino, James Vincent (Univ.)	N.J.
Boesch, Paul Raymond, Jr. (Law I)	D.C.	Bowen, C. Lee (Jun. 57)	D.C.
Boser, Benjamin Franklin (Col. 84)	D.C.	†Bowen, Eleanor F. (Univ.)	Va.
Bosze, Myrtle Ann (Univ.; Jun.)	W. Va.	A.B. 1910, Hollins College	
Boguch, Virginia Bisbee (Univ.)	Fla.	Bowen, John Thomas (Eng. Jun. 29)	Va.
Bohall, Harry Robert (Eng. 49)	D.C.	†Bowen, Robert Lee (Univ.)	D.C.
†Bokmann, Charles Ted Rutledge (Univ.)	N.Y.	Bowers, Chester G. (Law I)	Md.
Boice, Elizabeth Myrtle (Jun., Uncl.)	Md.	A.B. 1914, American University	
Bovin, Patrick A. (Jun. 86)	Wyo.	Bowers, Walter A. (Law II)	Mo.
Boland, Grace (Univ.)	D.C.	Ph.B. 1920, University of Chicago	
Bolen, Fred W. (Jun.)	Ariz.	Bower, Theodore L. (Law I)	D.C.
Boley, Morris V. (Law I)	Okla.	B.S. 1920, University of Illinois	
Bohme, Oscar Edward (Col., A.M.)	Kans.	†Bowle, Frank McKay (Jun. 55)	D.C.
A.B. 1934, Bethany College		†Bowle, William Zirkle (Univ.)	D.C.
†Bolles, Blair (Univ.)	D.C.	Bowman, Charlotte J. (Jun. 3)	Va.
†Bolinger, Theresa (Jun. 60)	D.C.	†Bushman, Hugh Craig (Col. 73)	Md.
Bolten, Levina W. (Col., A.M.)	Iowa	Bushman, John Lutz (Law I)	Pa.
A.B. 1909, University of Michigan		A.B. 1927, Franklin and Marshall College	
†Bomba, Abdon Anthony (Ed., A.M.)	Tex.	Bowman, Robert A., Jr. (Jun. 38)	Va.
B.S. 1932, St. Edwards University		Boyd, George Ray (Jun. 78)	D.C.
B.S. in Phy. Ed. 1934, The George Washington University		Boyd, Samuel (Law III)	D.C.
†Bonner, Laurence Burdette (Jun. 45)	Pa.	Bover, Evelyn F. (Law I)	D.C.
Bonnet, Walter (Law I)	D.C.	A.B. 1932, The George Washington University	
B.S. 1932, University of Maryland		Bover, Ralph Lewis (Phar. 50)	D.C.
Bottomase, Jasper Eugene (Med. III)	N.Y.	†Bovett, Theodore R. (Jun., Uncl.)	Mo.
Boote, Ward Etheridge (Jun. 30)	Pa.	Boylan, Mary Norma (Ed. 100)	D.C.
LL.B. 1922, LL.M. 1923, Georgetown University		†Boyle, M. Marian (Law I)	D.C.
†Booth, Charles William (Jun.)	Va.	A.B. 1931, The George Washington University	
Booth, Lucia Acheson (Jun. 61)	D.C.	Braaten, Norman E. (Col. 94)	Minn.
Booth, Nancy Frazier (Ed. 94)	D.C.	Brabson, Mildred Louise (Jun.)	D.C.
Booth, Sherwood Kenneth (Law II)	Pa.	Bracher, Nancy M. (Jun. 10)	Ind.
A.B. 1932, Pennsylvania State College		Bracken, John P. (Law I)	Pa.
†Borden, Hazel A. (Univ.)	Mass.	A.B. 1934, University of Pittsburgh	
A.B. 1926, M.S. 1931, The George Washington University		Brackman, Lloyd Charles (Univ.)	Mo.
Borger, William Vincent (Univ.)	D.C.	B.S. 1928, Southeast Missouri State Teachers College	
Borawski, Rowale (Law III)	D.C.	Bradbury, Howard Melville, Jr. (Jun. 32)	D.C.
A.B. 1933, The George Washington University		Bradbury, Kent F. (Eng. 61)	Me.
Borzi, George Robert (Law I)	Mass.	†Bradley, Naoma Elaine (Jun. 3)	D.C.
A.B. 1934, American University		†Bradfield, Robert Farrar (Jun.)	Ohio
Borner, Marianna Ruth (Jun.)	Del.	†Bradford, James William, Jr. (Law I)	S.C.
Borlin, Eugenia (Col., A.M.)	D.C.	†Bradford, Lowell Joseph (Law II)	D.C.
A.B. 1932, The George Washington University		Bradford, Lucette Godwin (Jun. 48)	D.C.
Borkin, Mason Andrew (Univ.)	Va.	Bradford, F. Alden (Eng. 88)	D.C.
B.S. 1933, Hampden-Sydney College		†Bradley, Gertrude Cecilia (Jun.)	Md.
†Bost, August Karl (Jun.)	Ohio.	Bradley, Richard Herbert (Jun.)	D.C.
		Bradley, Wayne Clark (Jun. 77)	Wis.
		Bradshaw, Max Abraham (Grad.)	D.C.
		A.B. 1931, A.M. 1931, The George Washington University	
		†Brainard, Richard R. (Law I)	N.Y.
		E.E. 1932, Cornell University	

Branch, Sarah W. (Univ.) B.S. 1924, Wesleyan College M.S. 1930, Emory University		Ga.	Briggs, Florence Estelle (Jun. 61) Briggs, Reid Richmond (Law I) A.B. 1912, Stanford University		
Brandes, Elizabeth Pangburn (Jun.)	D.C.		Bright, Albert Seymour (Med. I)		
Brandl, Barbara (Jun.)	N.C.		Bright, B. Brooke (Univ.)		
†Branham, Sara E. (Univ.) A.B. 1919, University of Colorado Ph.D. 1923, M.D. 1934, University of Chicago	D.C.		A.B. 1912, American University Bright, Catharine Crawford (Jun. 50)		
Brannan, Virginia Mae (Law I) A.B. 1926, Ouachita College	Ark.		Bright, Mildred A. (Univ.)		
Brannock, Walter Wallace (Jun. 61)	D.C.		Brightenburt, John Wooster (Law I)		
†Brant, Frederick Russell (Univ.) B.S. 1924, Lafayette College	Pa.		B.S. 1913, The George Washington University		
Braserton, Mary Louise (Col., A.M.) A.B. 1933, The George Washington University	Ohio		Briguglio, Alfredo Emanuel (Med. III)		
Brasted, Robert Crocker (Jun. 22)	D.C.		Brill, Leroy A. (Law I)		
†Braswell, Pearl Kent (Univ.) A.B. 1923, Coker College	D.C.		Brines, Paul C. (Law III)		
†Bratcher, Everett Malcolm (Jun.)	Mont.		A.B. 1931, University of Illinois		
Braun, Imre B. (Univ.)	N.Y.		†Brinkman, William A., Jr. (Eng. 22)		
Braun, Lydia Isabelle (Jun., Uncl.)	Mo.		Briscuso, Joan M. L. (Jun. 12)		
Brauner, John I. (Law III) B.F.S. 1926, Georgetown University	N.Y.		Brisebois, Joseph Francis (Col. 60)		
†Brawley, Jeter Bukett (Law I) A.B. 1910, Duke University	N.C.		Brisker, Sarah Franklin (Ed., A.M.) B.S. 1926, North Carolina College for Women		
Bray, Ellsworth (Phar. 85)	D.C.		†Britt, Clarence Sterling (Univ.) A.B. 1934, University of Texas		
Bray, J. Theodore (Col. 102)	Pa.		Britt, William Gaynor (Govt.; Col. 89)		
Bray, Robert Stuart (Eng. 35)	D.C.		†Britt, Yates B. (Jun. 6)		
Brearley, James Meigs (Law II) B.S. 1931, The George Washington University	D.C.		†Broadbush, John Prichard (Univ.)		
†Breezeal, Herman P. (Jun. 33)	D.C.		†Brook, John Patterson (Jun. 78)		
Breck, Alice Evelyn (Govt. 60)	Mass.		Brody, Edwin Richard (Med. II)		
Breckinridge, Alexander N. (Univ.)	W.Va.		Brody, Herman (Jun. 18)		
†Bredenberg, Harry Thomas (Col., A.M.) B.S. 1920, University of Nebraska	Nebr.		Brogren, Paul Arlington (Govt. 60)		
†Breidenbach, Nona Fern (Ed., A.M.) A.B. 1924, The George Washington University	Va.		Bronaugh, Alfred T. (Eng. 59)		
Breithaupt, Harold Ernest (Jun., Uncl.)	Ill.		Bronaugh, Frank Harwood (Law III) B.S. 1911, The George Washington University		
Brennaman, Leonal Walter (Eng. 35)	Kans.		Bronk, Theodore T. (Med. I)		
†Brennan, Betty Mary (Law I) A.B. 1920, University of Illinois	Ill.		Brooke, Irvin Adair (Jun.)		
Brent, Aubrey Strode (Jun. 40)	D.C.		Brooke, Richard Norris (Law I)		
Brent, Ellis Ullman (Jun. 40)	D.C.		Brookhart, Edith Alma (Law I) A.B. 1933, The George Washington University		
†Brett, Pauline Myrtle (Col. 81)	D.C.		Brooks, Carolyn (Law II)		
†Brewer, Donald DeWitt (Col., A.M.) A.B. 1932, The George Washington University	D.C.		Brooks, Donald Reed (Govt., A.M.) A.B. 1934, Colgate University		
Brewer, Ruth Genevieve (Jun. 30)	D.C.		Brooks, Gilbert (Univ.) B.S. 1915, The George Washington University		
†Brewer, William A. (Jun. 25)	Mo.		Brooks, Janeiro V. (L.S., A.M.) A.B. 1930, The George Washington University		
†Brewster, Dorothy Austin (Univ.)	Ark.		†Brooks, J. Howard (Law II) A.B. 1930, Oberlin College		
Brick, Irving B. (Col. 64)	Fla.		Brooks, Ruth Curry (Law I)		
Brickell, Harold S. (Jun. 27)	Mo.		Brooks, Thomas Ransel (Col. 73)		
†Bridewell, David Alexander (Law I) A.B. 1910, University of the South A.M. 1912, Princeton University	Ark.		Brossard, Barbara Alice (Jun. 18)		
†Brie, Arthur William (Univ.) B.S. 1931, Pennsylvania State College	Pa.		†Brossard, Enid Cecil (Univ.)		
			†Brossard, Frederick Vincent (Jun.)		
			†Brotherhood, Francis M. (Univ.)		
			†Brower, Caroline Fraser (Univ.) A.B. 1911, The George Washington University		
			Brower, Edgar Jay (Law III) A.B. 1911, The George Washington University		

Students Registered

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Brown, Agnes Marjorie (Col. 67-66) L.L.B. 1924, The George Washington University	Iowa	Bruce, Edith Winona (Ed. 110)	D.C.
Brown, Betty May (Jun. 32)	D.C.	Bruce, Evelyn (Col. 61)	Va.
Brown, Brooks G., Jr. (Col. 86-33)	D.C.	‡Bruce, Zilpha Foster (Ed. A.M.)	Md.
Brown, Burrell W. (Jun. 65)	Ark.	B.S. 1924, University of Kentucky	
Brown, Calvin Francis (Univ.)	D.C.	Brugger, Alice (Jun. 29)	Switzerland
A.B. 1931, American University		Brumbaugh, Robert C. (Govt. 105)	Pa.
Brown, Charles N. (Univ.)	Utah	Brundage, Harriet Hill (Jun. 30)	D.C.
Brown, Charles William (Med. I)	Calif.	†Brunt, Alfred William (Law I)	Idaho
A.B. 1932, University of California		Bryan, Agnes Lucile (Jun. 30)	Va.
‡Brown, Clinton James (Jun.)	D.C.	Bryan, Belton O'Neal (Law I)	S.C.
A.B. 1934, Brooklyn College	N.Y.	A.B. 1932, Duke University	Va.
‡Brown, Dorris A. (L.S., Uncl.)	Ark.	Bryan, Frank Bruce (Law II)	Va.
A.B. 1931, Arkansas State Teachers College		‡Bryan, Fred Allen (Jun. 48)	Va.
Brown, Earl Drosser (Med. I)	Me.	Bryan, Herbert K. (Law I; Col. A.M.)	Me.
Brown, Edith Louise (Med. IV)	N.Y.	B.S. 1933, Colby College	S.C.
A.B. 1916, Hunter College		†Bryan, Susan D. (Univ.)	D.C.
Brown, Esther (Ed. 107)	Va.	Bryant, Everett Deane (Jun. 18)	Va.
Brown, Evan Charles (Govt. 99)	D.C.	Brvant, Robert Murray, Jr. (Med. II)	D.C.
Brown, Evelyn Mae (Jun.)	D.C.	Buas, Frank E. (Jun.)	N.J.
Brown, Francis Ray (Law I)	Ariz.	Buck, Dorothy May (Jun. 32)	Calif.
‡Brown, Frederick Edward (Jun. 53)	D.C.	Buck, El Zabriskie (Jun. 30)	Calif.
Brown, George Robbins (Jun. 30)	Ohio	‡Buck, Margaret Anne (Univ.)	Tex.
Brown, Harold David (Univ.; Law I)	Ill.	†Buck, Maynard Ramsey (Law I)	Oreg.
Brown, Helen Elizabeth (Ed. 95)	Calif.	Buckhorn, Elmer A. (Law I)	
‡Brown, Helen Howes (Univ.)	Mich.	B.S. 1933, Oregon State College	D.C.
Brown, James Burt (Eng. 31)	N.C.	‡Buckingham, John Homer, Jr. (Col. 113)	Va.
Brown, Janice Stewart (Col. A.M.)		Buckley, Carper W. (Law II)	Va.
A.B. 1924, Agnes Scott College		Buckley, Michael Lester (Jun. 59)	Va.
B.S. 1928, Columbia University		Buckley, Richard Randolph (Law II)	D.C.
Brown, Jean Fontaine (Jun. 30)	D.C.	Buckley, Vincent Lansdale (Jun. 47)	D.C.
Brown, Max H. (Jun. 63)	Mo.	Budd, Barbara F. (Jun. 61)	D.C.
Brown, Mollie Jacquelin (Jun.)	Mich.	Budd, Wesley R. (F. A. 106)	Ohio
Brown, Neill S. (Law I)	Tenn.	†Buddleke, Beatrice June (Jun.)	Ohio
Brown, Nola E. Livingston (Univ.)	D.C.	Buddleke, Richard Anthony (Law I)	D.C.
A.B. 1931, American University		Bugbee, Wilda Lucille (Jun.)	N.Y.
‡Brown, Quarles Jemison (Jun.)	Ala.	Bullard, Edna Frances (Jun. 30)	Ala.
Brown, Rebecca (Grad.)	Md.	Bullard, Grace Powell (Ed. 67)	Md.
A.B. 1932, Goucher College		‡Bullion, Cora Katherine (Univ.)	
A.M. 1934, The George Washington University		B.S. 1914, Wilson Teachers College	Md.
‡Brown, Richard Blackstone (Univ.)	Okla.	Bullion, Leroy DeWolfe (Law II)	
Brown, Robert W. (Law II)	Iowa	B.S. 1933, The George Washington University	S.Dak.
A.B. 1933, University of Iowa		Bulow, Kathleen Chloe (Jun. 30)	Ark.
Brown, Rosa (Univ.)	D.C.	†Bunch, Felix Smart (Jun. 6)	D.C.
Brown, Walter D. (Col. 93)	D.C.	‡Bunch, Ishmael Lee (Univ.)	D.C.
Brown, William Pearsall (Jun. 24)	Ga.	Bundick, Harriet Ellen (Univ.)	
Browne, William Pierce (Univ.)	D.C.	A.B. 1926, A.M. 1933, The George Washington University	D.C.
Browne, Elwood Maurice (Jun.)	D.C.	Bunten, Elizabeth (Univ.)	
Brown, William Lytle (Law I)	Md.	A.B. 1910, The George Washington University	D.C.
B.S. 1933, University of Missouri		Bunten, Helen Stewart (Col. 65)	D.C.
Brownell, Eugene B. (Univ.)	Wash.	Bunyea, Ruby May (Univ.)	D.C.
A.B. 1929, University of Washington		Burch, Dorothy Frances (Jun. 93)	D.C.
M.B.A. 1932, Harvard University		Burch, Irma Louise (Ed. A.M.)	D.C.
Browning, Edmund Lewis (Jun. 33)	D.C.	A.B. 1932, The George Washington University	
Brownlee, Marjorie (Ed. A.M.)	Mo.	Burch, Mary Elizabeth (Jun.)	Colo.
B.S. 1932, University of Iowa		†Burchell, Margaret Louise (Univ.)	D.C.
‡Brace, Gladys Mary (Jun. 12)	Czechoslovakia	Butford, Jean M. (Univ.)	Ill.
‡Brubaker, Elizabeth (Jun.)	Va.	Burger, Ann M. (Col. A.M.)	D.C.
Bruce, Delbert H. (Jun.)	D.C.	A.B. 1933, The George Washington University	

Students Registered

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Cannon, T. Quentin (Law II) A.B. 1931, University of Utah	Utah	Cassil, Carroll Clayton (Jun. 43) Cassil, John F. (Jun.)	Calif. Ind.
Cannon, Warren H. (Law III) A.B. 1929, University of Utah	D.C.	Casteel, Miriam Elizabeth (I.S. A.M.) A.B. 1934, The George Washington University	D.C. D.C.
Caplan, William (Eng. 57)	D.C.	†Casteel, Nannette R. (Univ.)	D.C.
Capo, Ellen Consuelo (Jun. 101)	D.C.	†Castell, Richard B. (Med. IV)	D.C.
Capozio, Eugene Raymond (Eng. 60)	Pa.	A.B. 1932, The George Washington University	
Carbonell, Arthur Joseph (Jun.)	D.C.	†Castella, Charles C. (Univ.)	Mich.
Carbon, Mary Stuart (Ed. 121)	Va.	B.S. 1925, University of Maryland	
†Carroll, Hazel Mae (Jun., Uncl.)	D.C.	Castellow, F. Gertrude (I.S. 94)	Ga.
Carry, Harold Vincent (Univ.)	Conn.	†Castleman, David R. Jr. (Law III)	Ky.
†Carter, Charlotte E. (Jun., Uncl.)	Va.	A.B. 1932, Dartmouth College	
†Carter, Carl Joseph (Jun. 61)	D.C.	Catchings, Benjamin, Jr. (Jun. 23)	Mass.
†Carter, Eva Anna (Ed. 115.5)	D.C.	†Catchings, Joseph M. (Eng. 58)	Mass.
†Carter, Morris B. (Eng.)	Mo.	Cato, L. Huntley (Med. IV)	Vt.
†Carmack, Louis G., Jr. (Law III)	D.C.	A.B. 1932, The George Washington University	
†Carson, Robert G. (Jun.)	D.C.	†Cathes, Martha Eleanor (Jun. 12)	D.C.
†Carter, M. Alma (Jun.)	Tex.	†Cartlett, Fred Wayne, Jr. (Univ.)	Wash.
†Carpenter, Homer S. (Law I)	Ohio	†Caton, Dannie (Ed., A.M.)	Miss.
†Carpenter, Leonora (Univ.)	Mich.	A.B. 1930, Millsaps College	
†Carpenter, Eunice (Univ.)	Va.	†Caul, Harold John (Univ.)	D.C.
Carr, Marion (Jun. 18)	N.Y.	B.S. 1931, The George Washington University	
Carr, Richard James (Law I)	D.C.	Cavanaugh, David Thomas (Law I)	Iowa
Carr, Roland T. (Col. 84)	D.C.	A.B. 1925, Creighton University	
Carrera, Felix Lawrence (Jun.)	D.C.	†Caviness, R. S. (Univ.)	N.M.
†Carrio, Harry Lee (Jun.)	Va.	†Caxton, Howard (Col., A.M.)	D.C.
†Carroll, Eleanor Hobson (Col. 64)	D.C.	A.B. 1934, The George Washington University	
†Carroll, Sidney A. (Jun.)	Va.	B.S. 1934, Columbia University	
†Carroll, Zeta Vileta (Col., A.M.)	Pa.	Ceppos, Harry (Jun.)	D.C.
A.B. 1928, The George Washington University		Ceppos, Jacob (Med. III)	D.C.
†Carson, Martha Warner (Univ.)	Va.	Cenoni, Roger Leo (Jun.)	Mich.
†Carstens, Evelyn K. (Univ.)	Ill.	†Chaconas, Harry James (Univ.)	D.C.
Ph.B. 1931, University of Chicago		Chaconas, Stephen George (Jun. 60)	D.C.
Carr, Carrie Cathern (Jun. 40)	D.C.	†Chaharvyn, Marika (Univ.)	R.I.
Carter, Beverly R. (Jun., Uncl.)	D.C.	Chalk, James W. (Jun.)	N.Y.
†Carter, Champ Stuart (Jun. 6)	D.C.	Chamberlain, Mabel Ruth (F.A. 174)	D.C.
†Carter, Harold Edwin (Jun. 3)	Ohio	Chamberlain, Wendell Marie (Univ.)	D.C.
†Carter, James Arnold (Univ.)	Va.	Chamberlain, Charles Bennett (Univ.)	D.C.
†Carter, Louise (Univ.)	D.C.	Chambers, Richmond Duval (Univ.)	Pa.
†Carter, Wilfred Samuel (Univ.)	Ohio	Chan, Pak Chie (Univ.)	China
†Carter, Edith A. (Jun.)	D.C.	A.B. 1917, Ashbury College	
†Caruso, Anthony Thomas (Med. IV)	N.J.	M.D. 1923, The George Washington University	
A.B. 1932, The George Washington University		†Chandler, Dorothy Iris (Jun.)	D.C.
†Carter, William Grier (Col. 69)	D.C.	Chandler, William Eugene (Jun. 15)	S.C.
†Cary, George Davis (Law I)	Ala.	Chapin, Frank Mulford (Jun. 22)	D.C.
B.S. 1922, University of Pennsylvania		Chapin, Ida Florence (Jun. 78)	Pa.
†Cary, Sara Glee (Jun. 69)	Ky.	Chapin, Josephine Miriam (Med. III)	Mo.
†Cary, Wagona Elsie (Ed., A.M.)	Va.	A.B. 1927, Bates College	
B.S. 1932, State Teachers College, Fredericksburg, Va.		†Chapman, Biddle H. (Univ.)	D.C.
†Cassidy, Rose (Col., A.M.)	Iowa	Chapman, Ervin N. (Jun., Uncl.)	Ill.
A.B. 1934, Grinnell College		†Chappell, Herschel Brown (Univ.)	Ark.
†Cassidy, Simon Wheeler (Eng. 21)	Iowa	Chase, Emma M. (Col., A.M.)	Va.
†Cassidy, Maria (Jun. 12)	D.C.	A.B. 1933, The George Washington University	
†Cassidy, Joseph Vincent (Jun. 32)	Conn.	Chase, Philip Nye (Jun. 60/61)	Mich.
†Cassidy, Vincent J. (Univ.)	Nev.	†Chase, Ruth Judith (Col. 196)	D.C.
†Cassidy, James Braxton (Law I)	Va.		
Graduate 1925, U.S. Naval Academy			
†Cassidy, Jane (Jun. 77)	D.C.		
†Cassidy, Richard Henry (F.A. 57)	Va.		

Chase, William David (Med. III)	D.C.	†Clark, Gilbert Church (Univ.)	
A.B. 1925, M.S. 1927, The George Washington University		B.S. 1921, Carnegie Institute of Technology	
†Chausse, Stanley O. (Univ.)	D.C.	Clark, Harry Lawrence (Col. 110)	
Cheatham, William Staley (Jun. 59)	D.C.	Clark, Hugh Kemp (Law II)	
†Cheely, Ruth Ann (Univ.)	Nebr.	B.S. 1931, The George Washington University	
Chen, Sui Fong (Col. 82)	China	Clark, Lester William (Eng. 82)	
Cheseldine, James C. (Col. 90)	Wis.	Clark, Lewis Jesse (Jun. 54)	
LL.B. 1934, The George Washington University		Clark, Margaret H. (Jun. 39)	
Chesnut, Charles Caldwell (Law II)	Okla.	Clark, Marjorie Ruth (Law, Uncl.)	
A.B. 1934, The George Washington University		A.B. 1924, A.M. 1928, University of California	
Chester, Benjamin Joseph (Med. I)	N.Y.	†Clark, Miriam Marsh (Univ.)	
A.B. 1934, New York University		A.B. 1916, Vassar College	
†Chew, Bernard Briscall (Eng.)	Iowa	Clark, Nancy Griswold (Col., A.M.)	
Cheyney, Roland Pancost (Eng. 38)	Va.	A.B. 1930, The George Washington University	
†Chick, Helen Agnes (Jun.)	D.C.	†Clark, Nathan Jarvis (Jun. 12)	
Chinn, Raymond Franklin (Jun. 32)	D.C.	Clark, Weston R. (Univ.)	
Chippo, Jack Henry (Univ.)	Calif.	B.S. 1933, University of Utah	
Chitrick, Howard Allen (Col. 102)	Minn.	A.M. 1934, The George Washington University	
Chittum, Amanda Ellen (Col. 90)	D.C.	*Clark, William Edgar (Col. 103)	
†Chovan, Genevieve (Univ.)	D.C.	Clark, William Edwin (Jun. 82)	
Chozick, Hyman Edward (Jun. 24)	Me.	†Clark, William Harrison (Jun.)	
Christensen, Osborne Frederick (Med. IV)	N.J.	Clarke, Alice Louisa (Col. 60)	
†Christensen, Thomas E. (Univ.)	Nebr.	†Clarke, Dorothy Anne (Col. 69)	
†Christenson, Carl Rudolph (Col., A.M.)	Colo.	Clarke, Harriet Brookfield (Law I)	
A.B. 1929, University of Denver		A.B. 1911, Wellesley College	
Christie, Alfred, 3d (Jun. 35)	D.C.	†Clarke, William Henry (Jun.)	
Christie, Donald Pray (Jun. 47)	D.C.	Clarkson, Gladys Marion (Ed., A.M.)	
†Christie, Edith F. (Law I)	D.C.	A.B. 1928, The George Washington University	
†Christie, Jack Franklin (Jun.)	Wash.	†Clarridge, Emily C. (Univ.)	
Christie, John Milton (Col. 105)	Md.	Claudy, William Duvall (Med. I)	
Christie, Robert C. (Col. 76)	Md.	Claxton, Arthur Kirby (Jun. 27)	
†Christie, Virginia Clare (Univ.)	D.C.	Clay, Dorothy E. (Jun. 30)	
Christmas, Whitney Norris (Univ.)	Va.	Clay, Henry Scott, Jr. (Law III)	
Christoffersen, Wayne L. (Law I)	Utah	Clay, Oliver L. (Law I)	
†Christoferson, Herbert Carl (Jun. 7)	Ill.	A.B. 1932, University of Utah	
Christopher, C. Burr (Law II)	D.C.	Clayton, Flora Marguerite (Jun. 48)	
Christopher, Maxwell G. (Eng. 54)	Md.	†Clayton, John Robert (Jun.)	
Christopherson, Olaf Warren (Univ.)	Minn.	†Claytor, W. Lee (Univ.)	
Chrzanowski, Peter (Col. 85)	Conn.	B.S. 1929, College of William and Mary	
Churchill, Mary Jacqueline (Jun.)	D.C.	Clement, Armin Gerard (Law III)	
Churchill, William Philip (Law III)	Md.	†Clements, David Thomas (Eng., Uncl.)	
B.S. 1930, University of Maine		M.E. 1930, M.M.E. 1931, Polytechnic Institute of Brooklyn	
Clabaugh, W. Stanley (Jun. 106)	Okla.	Cleveland, Ruth F. (Law I)	
Claffin, Alison Renee (Jun. 4)	Md.	Clews, Charles Gordon (Jun.)	
Clagett, B. Manning (Univ.; Law I)	Calif.	Clifford, Patrick A. (Eng. 56)	
†Clancy, James William (Jun. 41)	Conn.	Clift, Marian Louise (Ed. 114)	
Clapp, Stewart (Med. II)	Md.	Climpson, Harley Ronald (Jun. 26)	
†Clardy, Warren Davenport (Univ.)	D.C.	†Cline, Mary Josephine (Univ.)	
Clark, Alan B. (Jun. 72)	W.Va.	Cline, Mary Rosetta (Jun. 24)	
†Clark, Alvan Witcombe (L.S., A.M.)	Va.	Closs, Barbara Ellen (Univ.)	
A.B. 1915, Stanford University		Clothier, Kenneth George (Law I)	
†Clark, Corrinne F. (Univ.)	D.C.	A.B. 1931, St. Viator College	
*Clark, Douglas Alonso (Law III)	Va.	Cloud, Preston E. (Jun. 32)	
A.B. 1930, Hampden-Sydney College		Clough, Dorothy M. (Univ.)	
Clark, Eleanor (Jun.)	D.C.	Clulow, Ernest Edward, Jr. (Law I)	
†Clark, Fay Grandy (Jun.)	D.C.		
Clark, George Washington (Jun. 30)	Okla.		

Students Registered

XXXV

†Clum, Dorothy Virginia (Jun. 30)	D.C.	Cokinos, George Peter (Jun.)	D.C.
Clum, John Philip (Med. II)	Md.	Colclough, Oswald Symister (Law III)	Pa.
A.B. 1933, The George Washington University		Graduate 1920, U.S. Naval Academy	
Clymans, Virginia Alice (Jun.)	D.C.	Cole, Charles William (Grad.)	D.C.
Coakley, Charles Seymour (Med. II)	D.C.	A.B. 1930, A.M. 1931, The George Washington University	
Coakley, Roy McNeil (Eng. 75)	D.C.	†Cole, Elmer C. (Col. 75)	Ill.
Coale, Elisabeth Hallowell (Univ.)	D.C.	†Cole, Francis Gandy (Univ.)	D.C.
Cobb, Barbara Smith (Univ.)	Mass.	B.Eng. 1923, Johns Hopkins University	
Cobb, Cully Alton, Jr. (Jun.)	D.C.	Cole, James O. (Govt. 113)	D.C.
Cobbe, Jerome Francis (Law II)	N.Y.	Cole, Sarah Elizabeth (Jun. 55)	D.C.
Coberly, James Harold (Col., A.M.)	W.Va.	Coleman, Benjamin Overton (Jun. 39)	Miss.
A.B. 1933, The George Washington University		Coleman, Ernest Taylor (Jun. 59)	D.C.
†Cobeth, Lenore V. (Univ.)	D.C.	Coleman, James P. (Jun. 39)	S.C.
Coble, Eugene J. (Law II)	Kans.	†Coleman, James Plemon (Law I)	Miss.
A.B. 1934, The George Washington University		†Coles, Claren H. (Univ.)	D.C.
†Cochran, Betty (Jun. 37)	Md.	Colaren, John Harold (Jun. 25)	Ill.
†Cochran, John P. (Univ.)	Mont.	†Colhoun, Charles Murray (Jun.)	Md.
Cochran, Samuel William (Eng. 70)	Mont.	†Colhoun, Helen A. (Univ.)	D.C.
Cochran, Thomas Crider (Law III)	Ky.	Collegeman, Sidney M. (Jun. 87)	D.C.
B.S. 1931, Yale University		Collier, Julia (Univ.)	D.C.
†Cochrane, John W. (Jun. 6)	D.C.	B.Litt. 1910, Baylor College	
†Cockrell, Vardaman B. (Ed. 80)	D.C.	Collier, Raymond J. (Col. 93)	D.C.
Cockrum, Henry A. (Law II)	Ill.	Collins, Dennis (Jun.)	D.C.
A.B. 1934, The George Washington University		Collins, Ernest H., Jr. (Law I)	Colo.
Coe, Ada Bethine (Univ.)	N.Y.	B.S. 1932, University of Colorado	
A.B. 1931, Wellesley College		M.B.A. 1934, Harvard University	
†Coe, Bryan (Univ.)	D.C.	Collins, Fred Von Versen (Law I)	D.C.
A.B. 1928, L.I.B. 1934, The George Washington University		Collins, Hugh Fenton (Phar. 90)	D.C.
Coe, Mary Armstrong (Jun.)	Va.	†Collins, J. Alfred (Univ.)	D.C.
Coe, Richard Livingston (Jun.)	D.C.	B.S. 1932, Springfield College	Kans.
†Coffey, Anne E. (Univ.)	D.C.	†Collins, John Patrick (Univ.)	D.C.
†Coffey, Lyndall Hester (Jun. 6)	D.C.	Collins, Joseph Crosby (Univ.)	D.C.
Coffin, Baird B. (Law III)	D.C.	†Collins, Mary Virginia (Univ.)	Va.
Ph.B. 1932, Kenyon College	Ohio	Collins, Virginia Lee (Univ.)	China
†Coffman, Rawlins (Law I)	D.C.	Coltman, Charles Lilly (Jun. 66)	D.C.
A.B. 1933, Duke University		†Coltman, Florence C. (Jun. 33)	D.C.
Coffman, Virginia Lee (Jun. 66)	D.C.	†Comer, A. Wade (Col. 58)	D.C.
Coggins, John W. (Col. 60)	N.C.	Commerford, Leon, Jr. (Eng. 79)	Va.
Cohen, Abe M. (Med. IV)	D.C.	Compton, Charles Lacey (Law II)	Tex.
A.B. 1932, The George Washington University		†Cone, Walton Owen (Jun. 6)	Mich.
Cohen, Arthur Richard (Jun. 21)	D.C.	†Cones, Harold N. (Jun. 54)	D.C.
Cohen, Emanuel Maurice (Col. 104)	Mass.	Conkey, John G. (Law II)	D.C.
Cohen, Harry Louis (Jun. 30)	D.C.	†Conkey, Ralph Hill (Jun. 18)	Calif.
Cohen, Joseph (Law II)	D.C.	Conklin, George William (Law I)	
Cohen, Julius (Eng. 90)	D.C.	A.B. 1931, Dartmouth College	
Cohen, Leon Louis (Jun. 30)	D.C.	B.Arch. 1934, University of Pennsylvania	
†Cohen, Myrtle (Col. 102)	D.C.	†Conley, Jack Edward (Law I)	Colo.
†Cohen, Philip Henry (Univ.)	D.C.	A.B. 1934, Colorado College	Mass.
A.B. 1932, Harvard University		Conlon, Charles F., Jr. (Law I)	D.C.
Cohen, Rose (Jun.)	Ohio	Conlyn, Andrew Grant (Jun.)	D.C.
Cohn, Walter (Univ.)	D.C.	Conn, Miriam (Ed., Uncl.)	D.C.
Cohn, Jeanette (Jun.)	D.C.	Conn, Stetson (Grad.)	D.C.
Cohn, Robert (Med. III)	D.C.	A.B. 1933, A.M. 1934, The George Washington University	
B.S. 1932, The George Washington University		†Connelly, Martha Lucille (Jun.)	D.C.
Cort, Hamilton (Jun. 21)	N.Y.	†Conner, John Davis (Law I)	Tex.
Coker, Joseph Daniel (Col. 102)	S.C.	A.B. 1933, Baylor University	
		Conner, Kenneth M. (Univ.)	D.C.
		Conner, Mark Hale (Jun.)	D.C.

†Connerat, George Hillver (Law I)	Ga	Corey, James Edson (F.A. 72)	
A.B. 1932, University of Georgia		*Corkery, Opal Grace (Ed., A.M.)	
M.B.A. 1934, Harvard University		A.B. 1932, The George Washington	DC
†Connerat, Robert Vincent (Law I)	Ga.	University	DC
A.B. 1931, University of Georgia		Corley, William Angus (Jun., Ind.)	DC
†Connery, Edward Fenton (Eng. 47)	Mass	Corniah, Lalla H. (Col., A.M.)	
†Connolly, William A. (Eng., Uncl.)	D.C.	A.B. 1931, The George Washington	DC
Connor, Harry C. (Eng. 96)	D.C.	University	DC
Connor, Wesley Olin, Jr. (Med. III)	N.Mex	†Cornthwaite, Clavton R. (Univ.)	DC
B.S. 1930, University of New Mexico		Corridon, Alice Elisabeth (Jun. 30)	DC
Connors, Joseph A., Jr. (Law II)	D.C.	*Corson, Dorothy Marshall (L.S., Uncl.)	DC
†Constantini, Ruth Kathryn (Col. 00)	D.C.	A.B. 1930, Goucher College	MA
Contremo, Salvatore Joseph (Med. III)	N.Y.	Corwin, Harold Benn (Law III)	LI
B.S. 1931, Manhattan College		Costantini, August Mario (Jun. 31)	LI
Conway, William Hynes (Med. III)	N.Y.	†Costello, Cyril Anthony (Law I)	
†Cook, Bailey Cavanaugh (Univ.)	D.C.	A.B. 1927, Providence College	Uncl.
Cook, Charles Francis (Eng. 21)	Va	A.M. 1920, Notre Dame University	
Cook, Coleman Pickert (Law I)	Ga	Cottam, Clarence (Grad.)	
Cook, Edward Russell (Jun. 46)	Md	B.S. 1926, M.S. 1927, Brigham	
D.D.S. 1930, University of Maryland		Young University	DC
Cook, Elizabeth Iddings (Law, Spec.)	Md	Cotton, Elizabeth Storrs (Jun. 58)	Va
†Cook, Francis John (Univ.)	Va	Couch, Cecilia Louise (Jun. 34)	N.Y.
†Cook, Gay (Univ.)	D.C.	Coughlin, John Joseph (Univ.)	DC
Cook, Helen Moore (Med. IV)	Md	Coulston, Mrs. Clemency King (Law III)	MA
A.B. 1929, Goucher College		Counselman, Isabella Victoria (Jun. 30)	Ph
†Cook, Marv Tattall (Col., A.M.)	D.C.	Courter, Jesse Franklin (Jun. 30)	DC
A.B. 1931, The George Washington		Courtney, Ralph L. (Univ.)	DC
University		†Covey, William B. (Jun. 57)	DC
Cook, Millard James (Law I)	Nehr.	Covington, Halstead Shaw (Law I)	
Cook, Morton Cameron (Jun. 3)	Va	Graduate 1922, U.S. Naval Academy	DC
Cooke, Thomas Blackhall (F.A., Uncl.)	N.C	†Cowan, Claude Wilson (Jun.)	V
A.B. 1930, College of William and		Cowgill, Evelyn Louise (Jun. 36)	B
Mary		†Cowgill, Harold Guy (Law III)	
Cooler, Rachel A. (Jun. 20)	D.C.	A.B. 1933, The George Washington	
Coombes, Raymond Edward (Jun. 87)	Md	University	
†Cooper, Claude E. (Col., A.M.)	Md	Cowill, William H. (Jun. 34)	Va
B.S. 1934, The George Washington		Cowles, Carroll William (Jun. 2-)	DC
University		Cowling, James Edward (Eng. 40)	
Cooper, Corinne (Med. II)	Md	Cowill, Catherine M. (Ed., A.M.)	
A.B. 1928, The George Washington		A.B. 1923, The George Washington	DC
University		University	
†Cooper, Donald Herbert (Univ.)	Wash.	†Cowill, Gladys Lillian (L.S., Uncl.)	DC
†Cooper, Elizabeth (Univ.)	Md	A.B. 1934, American University	
B.S. 1934, University of Michigan		†Cox, Albert L., Jr. (Univ.)	Es
†Cooper, Elizabeth Head (Jun. 30)	Md	†Cox, Charles Marshall (Law I)	Va
Cooper, Everett C. (Jun. 57)	Md	*Cox, Frances E. (Ed. 194)	Va
†Cooper, Herbert William (Univ.)	D.C.	Cox, Jane Leslie (Ed. 82.66)	DC
B.S. in E.E. 1932, University of		†Cox, Lawrence Morgan (Jun.)	Tem
Maryland		Cox, Mary Winifred (Jun. 38)	
†Cooper, John Wheeler (Univ.)	Mo.	Cox, Robert (Law II)	Ga
†Cooper, Joseph David (Jun.)	N.Y.	A.B. 1931, University of Tennessee	Ga
Cooper, Nileen (Jun. 68)	Va	Cox, Robert Eugene (Jun.)	Okla
†Cooper, Walter Trexler (Law I)	Pa.	†Cox, Robin Lytle, Jr. (Jun. 12)	
Coopersmith, David (Jun. 60)	D.C.	Coyner, Ruth Emma (Grad.)	
†Cooter, Irvin L. (Col. A.M.)	Okla.	B.S. 1927, Central State Teachers	
B.S. 1934, The George Washington		College, Edmond, Okla.	
University		A.M. 1931, The George Washington	DC
Coppola, S. John (Jun. 15)	Mass.	University	
Corbett, Eleanor Marie (Jun. 3)	Conn.	Crabbe, Alfred Gardner (Univ.)	Okla
Corbin, Alvin LeRoy (Jun. 44)	D.C.	Crabbe, Fred Locke (Jun.)	
Corbin, Lois Fleming (Univ.)	D.C.		
A.B. 1933, A.M. 1934, The George			
Washington University			

Students Registered

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Craft, Harold Albert (Med. II) B.S. 1926, Pennsylvania State College M.S. 1930, The George Washington University	D.C.	Crocker, J. Allen (Eng., Uncl.; Univ.) B.S. in E.E. 1933, The George Washington University	Md
Craig, Hazel G. (Ed. 82.66)	Okla.	Croft, George W. (Jun. 27)	Va
Craig, Ben R. (Jun. 4)	Pa.	Cronenberg, William Charles (Jun. 12)	N.C.
Craig, Daniel Frank (Univ.)	D.C.	Cronin, James Paul (Jun. 27)	Conn
Craig, Margaret Hjelm (Ed., A.M.) A.B. 1934, The George Washington University	D.C.	Cronmiller, LePage, Jr. (Law I) B.S. 1924, St John's College	D.C.
Craig, Torrey A. (Law I) A.B. 1931, University of Mississippi	Miss.	Crooks, William (Govt. 65)	Ark
Craig, William Ames (Eng.)	D.C.	Crosby, Benjamin Lincoln (Med. I) B.S. 1934, University of California	D.C.
Crain, Alan Rau (Jun.)	D.C.	Crosetto, Albert George (Jun. 57)	Pa.
Crain, Naomi Virginia (Ed., A.M.) A.B. 1931, The George Washington University	D.C.	Crosetto, Vena Mary (Law III) A.B. 1933, The George Washington University	Pa.
Cramer, W. Ford, Jr. (Col., Uncl.)	D.C.	Cross, Allen Slayman (Med. IV)	D.C.
Crampton, Alex B. (Med. II)	Calif.	†Cross, Doris Isabel (Jun.)	Calif.
Crampton, Guy Edwin (Jun. 64)	D.C.	Cross, James Garland (Ed. 100)	Md.
Crampton, Hilda A. (Jun.)	D.C.	Cross, Laura Elizabeth (Law I) A.B. 1923, Lindenwood College	Mo.
Craze, Leo Stanley (Eng. 54)	D.C.	B.Litt. 1925, Columbia University	
†Crankshaw, Harold G. (Univ.) B.S. 1928, Carnegie Institute of Technology	D.C.	Cross, Sydney Estey (Jun. 18)	N.Y.
A.M. 1932, Cornell University		†Crossan, Walter B. (Univ.)	Md.
Crapolicchio, Dante Vincent (Med. IV)	Mass.	Crosser, Barbara (Jun. 93)	Ohio
A.B. 1931, Holy Cross College		Crossette, George (Jun. 97)	D.C.
Crazer, Naomi Pate (Col., A.M.) A.B. 1916, North Carolina College for Women	Va.	Crossfield, Philip (Eng. 6)	D.C.
Crawford, Elizabeth B. (Univ.)	Va.	Crouch, Edward Calhoun (Law I)	D.C.
Crawford, Frances Victoria (Jun. 46)	D.C.	Crouch, Paul C. (Jun. 63)	D.C.
Crawford, Francis H. (Jun. 46)	D.C.	Crouch, William Henry (Jun. 78)	D.C.
Crawford, Mary Elizabeth (Jun.)	D.C.	Crouse, William Austin (Eng. 95)	Minn.
Crawford, William W. (Law I)	Mont.	†Crowder, Harry S. (Eng.)	N.C.
A.B. 1931, University of Montana		Crowder, Robert (Eng. 51)	D.C.
Creech, Jean E. (Jun. 40)	D.C.	Crowell, Albert Willis (Univ.)	D.C.
Cree, J. Roscoe (Med. IV)	Utah	†Crowell, Robert E. (Jun. 21)	Kv.
Cree, Thomas Donald (Law II)	Utah	Crowley, Fred Victor (Eng. 51)	Colo.
A.B. 1925, University of Utah		Crowther, Don G. (Col. 60)	Utah
Crichton, Edwin Milo (Jun.)	Kans.	†Crozier, Gordon W. (Law I) A.B. 1933, University of Utah	D.C.
Cricht, E. Carroll (Col. 95.5)	Kans.	Crump, Warren C. (Eng. 45)	Va.
Cryke, Geoffrey, Jr. (Law III) A.B. 1932, The George Washington University	D.C.	Crutchfield, Lee G. (Col., A.M.) B.S. 1932, University of Richmond	D.C.
Cryke, Richard Paulett (Col. 60)	D.C.	†Cruz, Federico B. (Univ.)	P.I.
†Crickman, Mabel C. (Univ.)	D.C.	†Cubero, Anastasio Piazas (Jun. 15)	Va.
†Crisner, Alvin Melton (Univ.)	Ind.	Cullen, Ellis Anne (Jun. 12)	D.C.
Crop, Katherine Virginia (Col. 60)	D.C.	Culler, John Lester (Law III)	Colo.
Widat, Gladys Helen (Jun.)	Calif.	†Cumberland, Frank D. (Univ.)	Md.
Crowell, Daryl Leland (Eng.)	Ind.	Cummings, Kathleen (Govt. 96)	Va.
Critchfield, Charles Louis (Col., A.M.) B.S. 1934, The George Washington University	Ohio	†Cummings, Owen C. (Govt. 84)	Pa.
Critchfield, Ruth Iola (Jun. 60)	Ohio	Cundiff, Charles Reed (Eng. 94)	Kv.
†Crittenden, John William (Jun. 43)	D.C.	Cunningham, Austin (Jun. 18)	D.C.
Crittenden, Marjorie (Med. II) B.S. 1933, The George Washington University	D.C.	†Cunningham, Carol L. (Govt. 125)	Kans.
Crocia, Nina Marie (Col. 84)	D.C.	Cunningham, Dorwin Jerome (Jun.)	Wash.
		†Cunningham, Frances M. (Univ.)	Idaho
		Cupp, Roma Alice (Jun. 45)	Va.
		Cupples, Homer L. (Law I) B.Ch.E. 1921, Ph.D. 1924, Ohio State University	D.C.
		†Curran, Harold W. (Govt., A.M.) A.B. 1932, The George Washington University	D.C.
		Currie, Daniel, Jr. (Law II)	Idaho

Currie, Daniel Allan (Law II) B.S. 1928, Davidson College	N.C.	†Davis, Berryman (Jun. 8)	
Curry, John Edward (Law III) Graduate 1921, U.S. Naval Academy	Md.	Davis, Catherine Hilda (Jun.)	
Cutler, Katherine Marie (F.A., Uncl.) A.B. in Arch. 1934, The George Washington University	Md.	Davis, Channing O. (Eng. 119)	
Cuvillier, Eugenia (Med. I) B.S. 1930, A.M. 1932, The George Washington University	D.C.	Davis, Charles Thomas (Jun. 45)	
Cuvillier, Louis Marshall, Jr. (Med. I)	D.C.	Davis, Cresson Orion (Law II) A.B. 1931, The George Washington University	
D			
†Daane, Martha Teresa (Jun. 45)	Mich.	†Davis, David McClure (Law I) B.S. in E.E. 1931, Princeton University	
Dahlgren, John O. (Jun. 77)	Calif.	Davis, Edna (Col. 65)	
†Dahn, Eloise Nona (Jun., Uncl.)	Md.	Davis, Edward French (Eng. 118)	
†Dahn, Wilma Estelle (Univ.)	Md.	†Davis, Edward Hewett (Jun.)	
Dailey, Helen V. (Jun. 24)	Va.	Davis, Fremont (Eng.)	
Dalb, Dent D. (Law I) A.B. 1913, University of Utah	Utah	Davis, George C. (Eng. 68)	
†Dale, Arthur Russell (Jun.)	Mo.	Davis, Gordon (Jun. 27)	
Dale, William J. (Jun. 51)	Pa.	†Davis, Hampton (Jun.)	
Daleen, Lawrence (Jun. 15)	Ill.	†Davis, Harold Julian (Univ.)	
†Daley, Catherine R. (Univ.)	D.C.	†Davis, Henry (Col. 101)	
Dalton, Lary Hall (Univ.)	Ga.	Davis, Jack Butler (Jun. 33)	
†Dalton, Terry James (Col. 71)	Miss.	Davis, Jack Clemens (Law I)	
†Daly, Arlene (Univ.)	D.C.	Davis, James Kenneth (Jun.)	
†Dampman, Marjorie Jane (Jun., Uncl.)	D.C.	Davis, John Henry (Jun. 50)	
Dangel, Clara L. (Univ.)	Ohio	Davis, Malcolm (Jun. 35.66)	
†Daniel, Bert Taylor (Univ.)	D.C.	†Davis, Margaret Gwenllian (Jun. 9)	
Daniel, Frank Clifton, Jr. (Govt. 80)	D.C.	Davis, Mary Margaret (Jun. 30)	
Daniel, William Aglionby (Jun. 10)	Md.	Davis, Pleasant Baxter (Jun. 3)	
Daniels, Margaret E. (Jun. 10)	D.C.	†Davis, Richard Douglas (Jun. 57)	
Danielson, Emma Louise (Law I) A.B. 1934, Mt. Holyoke College	D.C.	†Davis, Robert J. (Col., A.M.) A.B. 1911, The George Washington University	
Danish, Abraham W. (Jun. 11)	D.C.	Davis, Selby Brinker (Jun. 56)	
Danish, Jacob Mayr (Jun. 58)	D.C.	†Davis, Thomas Jefferson (Univ.) A.B. 1927, University of Mississippi	
†d'Anjou, Mariette Barbecot (Jun. 57)	France	Davis, Thomas Joel (Law II)	
Danner, Arthur Vincent (Jun. 108)	Ind.	Davis, Thomas McCormick (Law I) B.S. in E.E. 1929, University of Louisville	
†Danner, Elma Lilian (Jun. 20)	D.C.	M.S. in E.E. 1931, Yale University	
Danzansky, Joseph Baer (Law I)	D.C.	Davis, William Columbus, Jr. (Col., Uncl.) A.B. 1911, A.M. 1932, University of Alabama	
Danziger, Littman (Jun.)	Tex.	Davis, William James (Univ.)	
LL.B. 1911, Houston Law School		†Davis, Willis O'Neill (Jun.)	
Darby, Eleanor Nourse (Jun. 44)	D.C.	†Davison, Ruth Lowe (Ed. 106)	
Darby, Harry Dunbar (Jun.)	Md.	Dawes, Gladys Meredith (Jun. 73)	
†Darling, Duane George (Col., Uncl.)	Utah	†Dawkins, Eleanor Jessie (Univ.)	
†Darling, Paul S. (Jun. 27)	N.Y.	Dawson, Donald S. (Law I) A.B. 1930, University of Missouri	
Darling, Ralph Edwin (Col. 64)	N.Y.	Dawson, Harvey McClary (Jun. 9)	
†Darnell, Herbert Eugene (Jun. 16)	D.C.	Dawson, Lewis J. (Eng. 47)	
†Dart, Ann Killen (Jun. 23)	Va.	†Dawson, Robert Ray (Jun.)	
†Daugherty, John T. (Jun.)	D.C.	Day, John W. (Univ.) B.S. in M.E. 1934, The George Washington University	
Daughtrey, Darien Butler (Med. I) B.S. 1934, The George Washington University	D.C.	†Day, Sara Milligan (Univ.) A.B. 1929, The George Washington University	
Davidson, Dorothy Steele (Univ.)	D.C.	†Deal, Nancy V. (Univ.)	
Davidson, Edward H. (Univ.) A.B. 1934, American University	Va.	Dean, Arthur Parker (Eng. 30)	
Davidson, Howard MacDougal (Eng. 68)	D.C.	†Dean, Frances S. (Univ.)	
Davidson, Muriel Ruth (Jun. 60.66)	Mont.	Dean, Hellen Elisabeth (Col., A.M.) A.B. 1930, University of Washington	
†Davidson, Robert Key (Jun. 37)	D.C.		
Davidson, Sidney (Jun. 10)	D.C.		
Davis, Benjamin Lawrence (Jun. 60)	Ohio		

Students Registered

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Dean, Kerchival (Law I)	Ill.	Dermody, Woodrow Grimes (Jun.)	D.C.
B.S. 1929, University of Illinois		Dermon, Harry (Med. II)	N.Y.
Dean, Mildred (Univ.)	D.C.	B.S. 1931, College of City of New York	
A.B. 1909, Goucher College		M.S. 1931, New York University	
DeAngelis, Vincent James (Jun.)	N.Y.	Dern, Elizabeth Ida (Col. 92-93)	D.C.
DeAngelis, Allan William (Eng.)	D.C.	Dern, James George (Jun. 60)	D.C.
Deasy, Alice Rita (Govt. 138-333)	Ohio	Derrick, William Sheldon (Jun.)	D.C.
Deazy, John Paul (Jun.)	D.C.	Derzavits, Ruth Eleanor (Jun.)	D.C.
Debusk, Manuel C. (Law I)	Tex.	Detwiler, Dorothy Marian (Jun. 24)	D.C.
A.B. 1933, Texas Technological School		Detwiler, Newton Howard (Med. I)	Md.
DeCa, Raul M. C. d'Almeida (Grad.)	D.C.	Detwiler, Samuel B. Jr. (Col., A.M.)	Va.
B.H. 1925, International Y.M.C.A. College		B.S. 1933, The George Washington University	
A.M. 1933, The George Washington University		DeVeau, Joseph Harold (Law I)	Md.
DeCamp, Herbert R. (Univ.)	N.J.	B.S. 1931, University of Pennsylvania	D.C.
DeChene, Verna C. (Jun.)	D.C.	Devlin, Helen Marie (Jun.)	D.C.
Deck, Chlomara Quinta (Col. 86-66)	Ill.	Devonald, Ira Richard (Univ.)	D.C.
Deener, Elizabeth Margaret (Ed. 82)	D.C.	Dewhurst, Edith Ward (Ed., A.M.)	D.C.
Deer, Joseph (Jun. 24)	Miss.	B.S. 1925, Teachers College Harrisonburg, Va.	
DeFelice, Anthony Richard (Law I)	N.J.	Dewhurst, Howard Homer (Jun. 12)	D.C.
A.B. 1932, Wesleyan College		Dial, Joseph Hastings (Jun. 57)	D.C.
Deffenbaugh, Ruth (Ed., A.M.)	D.C.	Diamond, Coleman Leonard (Jun. 15)	N.Y.
A.B. 1927, West Virginia University		Diamond, Harold Henry (Law I)	
Definbaugh, Mary A. (Univ.)	Md.	B.B.A. 1918, Boston University	D.C.
A.B. 1929, American University		Diamond, Herbert Harold (Med. III)	Pa.
deHaas, Miriam M. (Law II)	D.C.	Dibble, Lawrence Donald (Law II)	
A.B. 1932, The George Washington University		B.S. 1928, Dickinson College	D.C.
Debler, Grace (Univ.)	D.C.	Dick, Estelle Lillian (Univ.)	D.C.
Debler, Jean B. (Univ.)	Pa.	Dick, Ruth Eleanor (Ed. 79)	D.C.
A.B. 1933, A.M. 1934, University of Pittsburgh		Dick, S. Jack (Jun. 52)	D.C.
DeLaney, Edward Joseph (Eng. 52)	N.Y.	Dickens, John Robert (Eng. 108)	D.C.
DeLaney, Mildred A. (Ed., A.M.)	D.C.	Dickens, Paul Fredericq, Jr. (Jun. 61)	D.C.
A.B. 1926, Trinity College		Dickenson, L. Evelyn (Jun.)	D.C.
DeLgross, Peter (Univ.)	Pa.	Dickerman, Carroll Hillard (Law I)	Pa.
delValle, Esther O. (Jun. 19)	P.R.	A.B. 1933, Pennsylvania State College	
delValle, Gloria Ojeda (Phar., Uncl.)	P.R.	Dickett, Eddie (Univ.)	Va.
delValle, Katherine Nelson (Jun.)	Va.	A.B. 1915, A.M. 1934, The George Washington University	
deMarco, Joseph, Jr. (Med. IV)	Mass.	Dickey, Allen Joyner (Jun. 24)	Va.
A.B. 1931, Clark University		Dickey, Raymond R. (Jun.)	D.C.
DeMarteis, Joseph (Univ.)	N.Y.	Dickson, Elizabeth Loree (Law II)	Md.
Demeritte, Marguerite Lois (Jun.)	D.C.	B.S. 1924, Wilson College	Ala.
DeMette, Sylvia Barbara (Jun.)	D.C.	Dienstl, Anne E. (Jun. 6)	Mont.
Deming, Harry Leroy (Jun. 53)	Mo.	Dieterberger, Wesley Arthur (Law I)	
deMoll, Theodore O. (Law III)	D.C.	B.B.A. 1933, University of Washington	D.C.
A.B. 1932, The George Washington University		DiFrancesco, Vincent (Jun. 10)	P.I.
Dence, Walter Edward (Law I)	Del.	Digal, Leonilo T. (Med. II)	
A.B. 1932, University of Toledo		A.B. 1942, University of Southern California	
Denenberg, Leila (Ed. 105)	D.C.	Digeress, Orville (Jun. 17-66)	D.C.
Dengler, Helen Marjorie (Jun. 60)	Mont.	Dugas, Dudley Harden (Jun. 24)	D.C.
Dennis, Lindley Hoag (Univ.)	D.C.	Diller, Charles Carvel (Jun. 77)	D.C.
B.S. 1912, Pennsylvania State College		Diller, Hilda Marie (Ed., A.M.)	D.C.
A.M. 1913, Columbia University		A.B. 1931, The George Washington University	
Deno, Sheldon Oliver (Jun.)	D.C.	Dillman, Geraldine (Jun. 24)	D.C.
Dent, Evelyn Virginia (Univ.)	D.C.	Dillon, John H. (Law I)	Conn.
Dent, John C. (Eng., Uncl.)	D.C.	A.B. 1931, Yale University	
Denton, Charles A. (Col. 111)	Md.	Dillon, Retta W. (Col., A.M.)	D.C.
dePotry, John Joseph (Col. 102)	Va.	A.B. 1929, The George Washington University	
DePue, James Bailey (Univ.)	D.C.		

- †Dulizio, Sabatino (Univ.) Italy
 Duglev, Edward Nelson, Jr. (Eng. 99) Va.
 †Dusmer, William F., Jr. (Univ.) D.C.
 A.B. 1911, The George Washington University
 Disney, Stanley E. (Law II) Okla.
 Ditzler, Norman William (Jun. 21) D.C.
 Dixon, Raymond H. (Jun. 81) Iowa
 Doane, Vernon Harden (Law I) Kans.
 Dobbins, Donald Vernam (Law I) Ill.
 †Dobson, Thomas William (Jun. 24) Me.
 Dockerman, Minnie (Jun. 4) Ill.
 Dodd, Halbert William (Law II) Ill.
 B.S. 1910, Northwestern University
 Dodge, Morton Moore (Govt. 69) N.J.
 Dodson, Ewel (Col., Und.) Ark.
 Dodson, Harry Douglas (Law I) Tenn.
 Doe, Frederick Henry, Jr. (Eng. 166) Va.
 Doering, Carroll Johnson (Law III) Tex.
 A.B. 1912, The George Washington University
 †Dollathole, Daniel A. (Ed., Ed.D.) D.C.
 A.B. 1916, Henderson-Brown College
 A.M. 1922, The George Washington University
 †Dolph, Laverne Elliott (Jun.) Va.
 Dominick, John Frank (Med. III) D.C.
 †Domono, Alice Elizabeth (Jun. 30) Kans.
 †Donson, Charles Leo (Col. 72) Pa.
 Donaldson, Carl Shannon (Jun. 20) D.C.
 Donolato, Joseph George (Law III) D.C.
 A.B. 1911, The George Washington University
 Donghia, Sebastian Augustus (Med. II) Pa.
 †Donzella, Dorothy C. (Jun. 1) D.C.
 †Donofrio, Gregory Richard (Med. IV) N.Y.
 B.S. 1911, University of Virginia
 †Doughue, James Joseph (Col. 87) D.C.
 †Dougho, Donovan Haskell (Law I) Ala.
 †Dovoson, Ann Rice (Jun.) D.C.
 †Dolan, Robert J. (Ed. 98) Wis.
 †Downe, Christopher Alfred (Law I) Tex.
 B.S. 1914, The George Washington University
 Dootson, John Todd (Law I) Wyo.
 Doran, James Matthew (Jun. 94) D.C.
 Dore, Bernadette Lalwin (Ed., A.M.) D.C.
 A.B. 1919, Trinity College
 Dorian, Otis Svidenham (Jun. 10) Md.
 Dorman, Barclay Nelson (Jun. 12) D.C.
 Dossott, Harold Lee (Jun.) Wyo.
 Dousey, Charles Bennett (Jun.) D.C.
 †Dousey, John Lawrence (Univ.) Ky.
 †Doss, Rosalie F. (Univ.) D.C.
 Dorsen, William Robert (Law, LL.M.) Tex.
 A.B. 1914, LL.B. 1934, Baylor University
 Doudan, Dorothy Louise (Univ.) D.C.
 B.S. 1933, Wilson Teachers College
 Dougherty, Alice Elizabeth (Jun. 42) D.C.
 Dougherty, Edward T. (Univ.) D.C.
- Douglass, Frances Justina (Col. 90) Italy
 †Dovemer, Robert Fournier (Eng. 119) Va.
 †Dow, Packard (Jun.) D.C.
 Dowling, James Wilson (Jun. 15) D.C.
 Downey, Paul William (Eng. 411) D.C.
 Dostater, Jacob Harrison (Col., Und.) D.C.
 Doyle, Catherine M. (Univ.) K.R.
 B.B.A. 1926, Boston University
 Doyle, Mary Joan (Jun. 108) Tem.
 Doyle, Vernon M. (Jun. 36) Cal.
 Doyle, William Edward (Law I) Tech.
 †Draper, Courtney R. (Law I) D.C.
 †Draper, Elizabeth K. (Univ.) Cal.
 †Draper, Estelle Mildred (Jun. 27) Kan.
 Draper, Maurice Glenn (Jun. 59) D.C.
 Dreiling, Edwin J. (Law I) D.C.
 A.B. 1912, Fort Hays, Kansas, State College
 Drennon, Louise Dudley (Jun. 6) K.
 Dreyer, Walter F. (Jun. 30) Md.
 †Dreyfuss, Edmund Wood (F.A. 101) D.C.
 Drury, Horace Featherstone (Jun. 30) D.C.
 †Drury, J. Burke (Law I) Va.
 A.B. 1934, The George Washington University
 Dubin, Charlotte Adelene (Col. 96) D.C.
 †Ducey, Cabell Sandford (Univ.) D.C.
 †Ducey, Neddie Francis (Univ.) D.C.
 Duckworth, Raymond Francis (Law II) D.C.
 †Dudley, Robert Earl (Eng. 16) Va.
 Duffey, Hugh Sisson (Ed., A.M.) D.C.
 A.B. 1925, Randolph-Macon College
 †Duffield, Alice Bolton (Univ.) Va.
 A.B. 1931, University of Wisconsin
 Dugan, Roger John (Med. III) Ind.
 Dugan, Thomas Joseph (Med. III) D.C.
 B.S. 1933, Catholic University of America
 †Duggan, Helen (Law I) Conn.
 A.B. 1930, Smith College
 A.M. 1934, Columbia University
 Dulin, John Dickerson (Jun.) D.C.
 Dumas, Alfred James (Law I) W.Va.
 Dunbar, Thelma Hall (Jun.) D.C.
 Duncan, Erlene Mitchell (Ed. 96) Md.
 Duncan, Peggy Elizabeth (Jun. 52) Va.
 Dungan, Doris Louise (Jun. 24) D.C.
 Dungan, Elizabeth Charlotte (Jun.) Ind.
 †Dunlap, Maxfield Hurlbut (Univ.) Pa.
 Dunlap, Wallace Bayard (Jun.) Md.
 Dunleavy, Paul C. (Col., A.M.) Va.
 A.B. 1934, St. John's College
 †Dunn, Dorothy Jones (Univ.) W.Va.
 Dunn, Helen Field (Univ.) Ind.
 †Dunn, Robert Emmet (Jun. 37) D.C.
 †Dunn, Thelma Brumfield (Univ.) D.C.
 A.B. 1922, Cornell University
 M.D. 1926, University of Virginia
 Dunn, William Christopher (Jun.) Conn.
 Dunnington, Kathryn Estelle (Jun. 48) D.C.
 Durham, Betty Lou (Jun.) W.Va.
 Durham, Gene Marie (Ed. 90) D.C.
 Durham, Richard Claiborne (Law I)

Burham, Tom Austin (Univ.; Law I)	Wash.	Eckles, Anita Heinrich (Univ.)	D.C.
Burke, William Bennett (Col. 78)	Calif	A.B. 1928, The George Washington University	
Busto, Bartholomew Joseph (Med. I)	N.Y.	Eckloff, James E., Jr. (Jun. 40)	D.C.
B.S. 1934, Catholic University of America		Ecton, Maude E. (Univ.)	Ky
Duvall, Andrew Reid, Jr. (Eng. 44)	S.C.	Edberg, Howard O. (Law II)	Neb.
Duvall, Edwin Leroy (Jun.)	D.C.	A.B. 1932, University of Nebraska	
Duvall, Jane S. (Jun. 66)	Md.	Eddy, Helen Louise (Univ.)	Pa.
Duvall, Roy Edgar (Jun.)	D.C.	A.B. 1933, Lebanon Valley College	
Dvorchak, George Edward (Med. I)	Pa.	A.M. 1934, The George Washington University	
B.S. 1933, St. Francis College		†Edelen, Elizabeth Gill (Univ.)	Md.
Dworsky, Al (Jun. 69)	N.Y.	Edelman, Reba Louise (Jun.)	D.C.
Dwyer, Adelaide (F.A., A.M.)	D.C.	Edfeldt, Theodore R. (Govt. 66)	D.C.
A.B. 1931, The George Washington University		Edlavitch, Sylvia (Col., A.M.)	Md.
Dwyer, Edward James (Law I)	D.C.	A.B. 1934, The George Washington University	
A.B. 1930, St. John's College		Edmonston, Helen M. (Ed. 105)	D.C.
M.M.E. 1933, Johns Hopkins University		†Edmonston, J. Harvey (Univ.)	D.C.
Dyas, Robert Douglas (Univ.)	D.C.	A.B. 1931, A.M. 1934, The George Washington University	
†Dyer, Archie W., Jr. (Jun. 59)	N.C.	Edmonston, Jane (Jun. 6)	D.C.
Dyer, Edward Colston (Law I)	Md.	Edmonston, Thomas Ritchie (Eng. 62)	D.C.
Graduate 1929, U.S. Naval Academy		Edmonds, James B., Jr. (Eng. 20)	D.C.
Dyer, Edward Lathrop (Col., A.M.)	D.C.	Edmundson, John Fulmore (Univ.)	N.C.
A.B. 1909, Amherst College		†Edwards, Carleton Ula, 2d (Jun.)	D.C.
Dyer, Helen Marie (Grad.)	D.C.	Edwards, Edith Rita (Jun. 61)	D.C.
A.B. 1917, Goucher College		†Edwards, Edith Viola (Col., A.M.)	Ohio
A.M. 1929, The George Washington University		A.B. 1930, The George Washington University	
†Dyer, Kenneth B. (Univ.)	D.C.	Edwards, Garth William (Jun.)	Idaho
Dyer, Russell (Eng. 33)	D.C.	Edwards, Geniana R. (Col. 107)	Wash.
Dyer, William W., Jr. (Law III)	D.C.	Edwards, Ivan Roe (Law III)	Tex.
Dyke, Irvin Sawyer (Jun. 54)	D.C.	B.S. in M.E. 1929, University of Texas	
Dykes, James M. (Eng., Uncl.)	D.C.	Edwards, James Edwin (Law I)	D.C.
		Edwards, Jesse Hale (Jun. 6)	Okla.
E		Eells, Kenneth Walter (Col. 89)	Calif.
Earl, J. Donal (Jun. 60)	Nev.	†Efendizade, Ibrahim Bukai (Eng. 94)	Turkey
Earl, Rulon A. (Col. 81; Law I)	Nev.	†Egan, John Francis (Jun. 15)	Minn.
Earle, J. Richard (Law III)	D.C.	Egan, M. Teresa (Univ.)	Fla.
East, Sherrod E. (Univ.)	Colo.	Egbert, Freda Dorothy (Ed., A.M.)	D.C.
Easterday, Rae Brown (Ed. 65)	D.C.	A.B. 1915, The George Washington University	
Easteron, Bernard (Jun. 73)	D.C.	Egert, Millan Ludmil (Law I)	Me.
†Easteron, Lenora Ruth (Jun. 54)	D.C.	A.B. 1930, Colby College	N.J.
Easterwood, Oliver P., Jr. (Law I)	N.Mex.	Egli, Clara (L.S., A.M.)	
A.B. 1933, University of Denver		A.B. 1930, The George Washington University	
Eastham, Lucy Beale (Jun. 30)	D.C.	Ehlshlager, Adam Charles (Jun. 76)	D.C.
Eastham, Robert Browning (Jun. 47)	D.C.	Ehrmantraut, Doris Winifred (Jun. 15)	D.C.
Eaton, Blaine Haskin (Law I)	Miss.	Eibender, Evelyn (Jun.)	D.C.
†Eaton, Mary Virginia (Jun.)	Va.	Eisenhart, Earl E. (Jun.)	Ohio
†Eaves, Robert Wendell (Univ.)	Va.	†Eisenhart, Edwin Alex (Jun., Uncl.)	D.C.
A.B. 1928, University of North Carolina		†Eisinger, Ruth Ann (Jun.)	D.C.
A.M. 1933, The George Washington University		†Elder, Clarence M. (Eng. 133)	D.C.
†Ebel, Leonard Herman (Govt. 105)	Ind.	LL.B. 1931, The George Washington University	
†Eberle, Allan Richard (Jun. 7)	Md.	Elder, Robert N. (Law I)	Idaho
Eberle, Bayne (Col. 110)	Ark.	Elder, Walter E. (Law I)	Kans.
Eberts, Catharine Howard (Univ.)	D.C.	A.B. 1934, University of Kansas	
A.B. 1925, Vassar College		Elders, Terrell, (Eng. 10)	D.C.
†Eckman, Dorothy E. (Jun. 39)	Pa.	†Eldred, Jeannette Montague (Univ.)	Pa.
Eckman, Howard P. (Law I)	Iowa		
A.B. 1932, The George Washington University			

- Eldridge, Eugene Russell (Jun. 26)
 Eldridge, Frank Reed (Jun. 34)
 Elgin, Arthur Carpenter (Law III)
 A.B. 1928, St. John's College
 Elias, Max (Col. 60)
 Eller, Evelyn (Col., A.M.)
 A.B. 1932, The George Washington University
 Eller, Lloyd Wright (Jun.)
 Eller, Robert Lloyd (Jun. 44)
 †Ellerbe, David Carlisle (Eng., Uncl.)
 Ellerin, Milton (Jun.)
 Elliott, Herbert Jennings (Eng., Uncl.)
 †Elliott, Virgil Morris (Jun.)
 Ellis, Arthur William (Law I)
 B.S. 1924, University of California
 Ellis, Greer (Eng., Uncl.)
 B.S. 1934, The George Washington University
 Ellis, Harry VanHorn, Jr. (Jun. 18)
 Ellis, Leonidas W. (Jun.)
 Ellis, Mary Emily Pollock (Univ.)
 †Ellis, Russell W. (Jun. 62)
 Ellis, Virginia M. (Col. 108)
 Elms, Margaret Edelin (Ed. 112; Univ.)
 Elms, Nannette Isabel (Ed. 89)
 †Elsberg, Leon Sydney (Univ.)
 Elsberry, Ernest Lyle (Law III)
 Ely, Albert Love, Jr. (Law I)
 M.E. 1933, Cornell University
 Embrey, Jack (Jun. 63)
 Embrey, Jerrye E. (Jun. 33)
 Embrey, Nell Coleman (Ed. 102)
 †Emerson, Brooks (Univ.)
 Emerson, Earl W. (Eng. 33)
 †Emley, Adelaide Lancaster (Univ.)
 Emmert, Beverly Agnes (Jun.)
 *Emmerich, Harry H. (Col., A.M.)
 B.S. 1911, University of Kentucky
 †Empey, Sol H. (Law I)
 B.S. 1926, Northwestern University
 Emshwiller, John Patterson, Jr. (Jun.)
 Enders, Mary Phelps (Law II)
 A.B. 1927, Cornell University
 Endres, Charlotte Marie (Jun. 39)
 Engel, Mary Louise (Jun.)
 †Engelhardt, Charles William, Jr. (Jun.)
 Engen, Gilbert A. (Eng. 97)
 England, Joseph Loveday (Eng. 89.5)
 Englesby, Charles P. (Jun. 48)
 †English, Mildred Reed (Jun. 12)
 Engquist, Ernest John (Law, Uncl.)
 A.B. 1929, Lawrence College
 A.M. 1930, University of Illinois
 Ennes, Howard Wesley, Jr. (Jun.)
 †Entwistle, Theodore S. (Col. 91)
 Enzor, Tom Henry (Jun. 18)
 *Epaminonda, John G. (Law III)
 †Epes, Sallie Fitzgerald (Univ.)
 Epperly, Sarah V. (Jun.)
 Epstein, George Marvin (Law I)
 A.B. 1932, University of Wisconsin
 Epstein, Julius (Med. II)
- N.Y.
 D.C.
 Md.
 N.Y.
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 Ala.
 N.J.
 N.C.
 Va.
 Wis.
 D.C.
- Epstein, Rhoda Bernice (Jun. 12)
 Erickson, Emil Theodore (Univ.)
 A.B. 1916, University of Utah
 Erickson, Mary Elizabeth (Law III)
 Erickson, Robert (Eng. 14)
 Erk, Louise Martha (Jun.)
 Erling, Agnes E. (Jun. 14)
 Ervin, Guy, Jr. (Jun. 32)
 Ervin, Marion Laura (L.S. 89)
 Erwin, J. William (Jun. 28)
 †Escaville, Franklin Seufferle (Jun. 28)
 Esch, Jane Hilton (Col. 63)
 Eskew, Virginia P. (Govt. 117.33)
 Espey, Blake Branson (Univ.)
 A.B. 1931, American University
 A.M. 1934, The George Washington University
 Etienne, Wolcott Lowevee (Med. I)
 B.S. 1932, University of Maryland
 †Ethridge, Franklin Kendall (Jun. 3)
 Eugenio, Porfirio Fidel (Jun. 25)
 Eulias, Muriel (Law III)
 B.S. 1932, College of Charleston
 Evans, Brockenbrough (Col., A.M.)
 Ph.B. 1925, Yale University
 Evans, Harold Thomas (Jun.)
 Evans, Helen Louise (Jun. 70)
 Evans, John Martin (Law I)
 B.S. in E.E. 1933, University of Colorado
 Evans, John Robert (Eng. 68)
 Evans, Joshua, 3d (Jun. 18)
 Evans, Norma Belle (Jun. 38)
 Evans, Richard Castleman (Jun.)
 Everard, Nathaniel (Univ.)
 A.B. 1932, Yale University
 A.M. 1934, The George Washington University
 Everett, Edward (Govt. 94)
 Everett, John E. (Med. II)
 A.B. 1934, The George Washington University
 Everett, Kathryn Lucille (Col., A.M.)
 A.B. 1931, The George Washington University
 Everett, William Kempton (Jun. 21)
 †Evers, Winifred Anna Louise (Jun.)
 †Everson, Dorothy A. (Univ.)
 †Ewaldsen, Paul Herbert (Jun.)
 Ewell, Raymond H. (Col., A.M.; Univ.)
 B.S. 1928, University of Toledo
 Ewing, Lowell Howe (Law I)
 Ewing, Phyllis Leola (Law I)
 Eysmann, Roslyn (Col. 95)
- F
- Fadden, Helen Jeannette (Col., A.M.)
 A.B. 1933, College of William and Mary
 †Fadel, George H. (Univ.)
 Fagelson, Bernard Melvin (Law III)
 †Fairor, Kenneth Merle (Col. 86)

Fairchild, Helen Christine (Univ.) A.B. 1933, The George Washington University	Va.	Ferber, Norman Benjamin (Jun. 26)	N.Y.
Fairman, Richard Heymes (Eng. 110)		†Ferebauer, Jack A. (Law II)	Idaho
Fales, W. Dexter (Jun. 124)	Md.	Ferebauer, Robert W. (Eng. 57)	Idaho
Falkoff, Milton (Law I)	Md.	Ferguson, Charles Lloyd (Jun. 18)	D.C.
Falkoff, Orvin (Govt. 61)	Ill.	Ferguson, Edward Eganer (Med. III)	D.C.
Fallon, Alling Cahill (Univ.)	Ill.	Ferguson, Garland S. (Jun.)	D.C.
Fallon, Louise Clemans (Jun. 58)	D.C.	Ferguson, Robert E. (Col. 61)	Kans.
Falvey, Daniel Patrick (L.S., Uncl.)	D.C.	†Ferguson, Thomas (Law, L.L.M.)	D.C.
A.B. 1931, Villanova College		L.L.B. 1934, Georgetown University	
Farhood, William (Law I)	D.C.	Ferguson, William Richard (Jun. 33)	Iowa
Faris, William Wallace (Jun.)	Ill.	Fern, Leila (L.S. 60)	N.Y.
Farley, Maxine (Col. 60)	Ind.	Fern, Robert (Jun. 51)	D.C.
Farley, Thain L. (Law I)	Ind.	Ferravoli, Blas Eustaquio (Med. III)	P.R.
A.B. 1923, University of Michigan		Ferris, Nathan Lester (Govt., A.M.)	N.Y.
Farr, John Alden (Jun. 50)	N.Y.	A.B. 1933, The George Washington University	
Farr, Lionel Ballantyne (Jun. 57)	Vt.	Ferry, Mary M. (Ed. 66)	Pa.
Farrell, Frank Worthington (Med. II)	N.Y.	Ferry, Thomas Francis (Ed., A.M.)	D.C.
†Farrell, Frederick Bathurst (Univ.)	Mich.	A.B. 1925, Georgetown University	
B.S. 1929, Armour Institute of Technology		†Fertig, Kenneth D. (Univ.)	Ind.
Farrell, George Raymond (Med. II)	D.C.	Feuerlein, Willy J. A. (Jun. 105, Col. A.M.)	Switzerland
†Farrell, James E. (Jun. 35)	Wis.	Ficken, Rudolph William (Jun. 58)	Kans.
†Farrell, Katherine Louise (Jun. 18)	D.C.	Picklin, Jane Walton (Col. 69)	Va.
Farrington, Bert William (Ed. 115)	Mo.	Field, N. Hazel (Jun.)	D.C.
Fass, Irwin (Jun. 30)	N.Y.	†Fielder, Fred Alan (Eng. 61)	Ariz.
Fautot, James Edwin (Jun.)	Calif.	Fielitz, Frederick Jacob (Eng. 36)	D.C.
Faust, Mary Catherine (Med. IV)	N.J.	Filles, Ferris Hunt (Eng. 89)	D.C.
A.B. 1932, The George Washington University		Finan, Francis Kennedy (Eng. 12)	Md.
†Fawcett, James R. (Jun. 18)	N.C.	Fincher, Sarah Frances (L.S., Uncl.)	Md.
Fass, Edwin Otis (Law I)	Pa.	A.B. 1931, American University	
B.S. 1934, State Teachers College, Shippensburg, Pa.		Fincher, Wilton Travis (Col. A.M.)	Ark.
Fedderson, Howard C. (Law II)	Colo.	A.B. 1934, Henderson State Teachers College, Arkansas	
A.B. 1928, University of Colorado		Fine, Herman (Jun.)	N.J.
†Feibel, Adolph H. (Law I)	Okla.	†Finkelstein, Gertrude (Jun. 12)	Va.
B.S. 1932, Massachusetts Institute of Technology		Finkelstein, Norman (Jun. 58)	D.C.
Feiker, Barbara Jean (Jun.)	D.C.	†Finn, Morton (Jun.)	D.C.
Feiker, Gretchen (Ed. 95)	D.C.	†Finnegan, Charles W. (Jun.)	Okla.
Feiker, Janet (L.S. 90)	Pa.	Finnie, Frances Ruth (Ed., A.M.)	D.C.
Feld, Minnie (Jun. 32)	N.J.	A.B. 1929, The George Washington University	
Feldman, Harry Alfred (Col. 100)	D.C.	†Fippin, Julie Anne (Govt. 75)	Va.
Feldman, Rose (Jun.)	D.C.	Firor, Marjorie Edith (Ed. 122)	D.C.
†Fell, Herbert Nelson, Jr. (Jun. 4)	D.C.	Firth, Raymond Holdsworth (Jun. 12)	Md.
Feller, Eleanor (Col. 90)	D.C.	Firth, William Ellsworth (Jun. 15)	D.C.
Fenby, M. Louise (Col. 92)	D.C.	Fischbach, Adolph David (Med. III)	N.Y.
Fennimore, Harlan Weldin (Univ.)	Pa.	A.B. 1932, Catawba College	
Fenlon, Leonard Joseph (Jun.)	Mich.	Fischer, Fred Paul (Eng. 98)	D.C.
Fennell, Fred F. (Law I)	Tenn.	Fischer, Helen Louise (Jun. 30)	D.C.
A.B. 1932, Lincoln Memorial University		Fischer, Paul Allan (Col., A.M.)	Va.
Fennell, Helen Mary (Jun. 30)	D.C.	A.B. 1934, The George Washington University	
Fennell, Reginald Edward (Jun. 57)	Md.	Fischer, Richard Henry (Jun.)	D.C.
Fenstermaker, Verna (Ed., A.M.)	D.C.	†Fischer, William Herbert (Jun.)	D.C.
A.B. 1934, The George Washington University		Fishel, Vinton C. (Col., A.M.)	Ill.
Fenwick, Helen W. (Jun. 65)	LEAD	B.Ed. 1931, Southern Illinois State Normal University	
		Fisher, B. Ralph (Univ.)	Iowa
		Fisher, Helen Margaret (Jun. 32)	D.C.
		Fisher, Wheeler Yule (Law III)	D.C.
		A.B. 1932, American University	

- Fisher, William Alfred (Law III)
A.B. 1927, University of Maryland
A.M. 1930, The George Washington University
- †Hudson, Bernard R. (Jun. 9)
- Fiske, Louis Barbara (Jun. 24)
- Fisher, Mary Diane (Jun. 30)
- †Fitzgerald, Mary Emmett (L.S. 108)
- †Fitzgibbon, Marietta (Univ.)
- †Fitzland, Robert H. (Univ.)
D.D.S. 1918, Marquette University
- Hamagan, Sherman Edward (Ed., Ed.D.)
A.B. 1923, The George Washington University
A.M. 1924, University of Maryland
- Hax, David M. (F.A., B.F.A., M.F.A.)
A.B. 1924, The George Washington University
- Hemer, Henry L. (Eng. 62)
Ph.D. 1918, The George Washington University
- Heming, C. Hall (Law I)
- †Heming, Elizabeth (Univ.)
- †Heming, Hansel (Jun., Uncl.)
- †Heming, Mary (Col., A.M.)
A.B. 1922, The George Washington University
- †Heming, Thomas Edward (Jun.)
- †Heming, Willis James (Eng.)
- Heming, Elizabeth (Ed., A.M.)
A.B. 1923, American University
- †Hether, Fred Eugene, Jr. (Univ.)
- †Howberry, James Ralph (Univ.)
- †Houcher, Lillian Virginia (Ed. 57)
- †Horsens, Howard Elmer (Jun. 75)
- †Hory, Margaret Emily (Univ.)
A.B. 1926, Randolph-Macon Woman's College
- Hounroy, Copley Winslow (Law II)
- †Hoyd, Charles H. B. (Jun. 61)
- †Hy Henry (Jun. 46)
- †Hynn, Mary Ellen (Ed., Uncl.)
- Fier, Melvin Bernard (Jun.)
- Fogelson, Agnes Marie (Jun.)
- Fogg, Lillian Edith (Govt. 87 33)
- Fogle, Rita Estelle (Jun. 12)
- Folland, Willard Ernest (Jun.)
- Folsom, Marian Elisabeth (Jun.)
- Fulston, Mortimer James (Jun., Uncl.)
- †Fulst, Andre Birdeau (Univ.)
- Fumrell, Bernard (Jun.)
- †Fumrell, Harry (Jun.)
- Fumma, Manuel John (Jun.)
- Fontaine, Clare T. (Univ.)
A.B. 1920, College of St. Catherine
- †Foster, Charles Wilson (Univ.)
- Foster, Edward Brinker (Law III)
- A.B. 1921, University of Pittsburgh
- Foster, Frank E. (Law I)
B.S. 1928, Carnegie Institute of Technology
- †Foster, Margaret Bennett (Jun.)
- Foster, Marvin P. (Jun.)
- D.C.
- †Forbush, Scott Ellsworth (Univ.)
B.S. 1925, Case School of Applied Science
- Ford, Charles N. (Law III)
A.B. 1920, Marshall College
- Ford, Ruth P. (Jun. 9)
- †Forney, Martha Elizabeth (Jun.)
- †Foronda, José Torrado (Univ.)
- Forsberg, Donna Lois (Jun.)
- Forst, Arthur (Med. I)
A.B. 1924, The George Washington University
- †Fort, Hazel Harding (Univ.)
- A.B. 1917, Middlebury College
- Foster, Bernard A., Jr. (Law I)
- A.B. 1931, Wofford College
- Foster, Charlotte Eleanor (Col. 97)
- †Foster, Helen H. (Univ.)
- A.B. 1932, Mills College
- Foster, Henry Lockwood (Col. 108)
- LL.B. 1911, The George Washington University
- Foster, John Barr (Law I)
- Foster, John Edward (Eng. 62)
- †Foster, Lasca Charlotte (Jun.)
- *Foster, Terry C. (Ed., A.M.)
A.B. 1923, Tulane University
- Fowle, Juliana K. (Col., A.M.)
A.B. 1928, The George Washington University
- Fowler, Bruce M. (Govt. 117)
- Fowler, Grenville L. (Law II)
- A.B. 1931, The George Washington University
- Fowler, James Abbott (Jun.)
- Fowler, Marian A. (Col. 110)
- †Fox, Abraham Louis (Col., A.M.)
A.B. 1911, The George Washington University
- Fox, Helen (Jun. 51)
- Fox, Irving (Jun. 24)
- Fox, Ruth (Col. 64)
- Foxley, Edward G. (Law I)
B.S. 1927, Utah State Agricultural College
- Foy, William Edward (Univ.)
- France, Floyd L. (Law, LL.M.)
LL.B. 1934, The George Washington University
- Francis, Dale (Eng. 44)
- Francis, Elsie (Col. 105)
- Francis, Garner Paul, Jr. (Jun. 67)
- Frank, Karl (Jun. 25)
- Frank, Lucy (Jun. 84)
- Frank, Murray (Ed. 61)
- †Frankel, Lillie G. (Univ.)
B.C.S. in Ed. 1931, Rider College
- Frankel, Theodore (Jun.)
- †Frankhouser, Ruth (Univ.)
B.S. 1921, Harrisonburg Teachers College, Virginia

Students Registered

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†Franklin, Josephine Carroll (Univ.) A.B. 1910, Hiram College B.S. in Ed. 1916, Ohio State University	D.C.	Frink, Alice McIntosh (Jun. 54) †Fritz, Florence Ruth (Col., A.M.) A.B. 1930, The George Washington University	D.C. D.C. D.C.
†Franklin, Martha L. (Univ.)	D.C.	Fritz, Samuel F. (Univ.) B.S. in C.E. 1931, Georgia School of Technology	D.C. Va.
†Franzoni, F. Royce (Phar. 65)	D.C.	†Frock, M. Eamer (Jun. 12)	Va.
†Fraser, Agnes A. (Univ.)	D.C.	Froyd, Lawrence Wilbur (Eng. Und.)	D.C.
Fraser, Ella Selina (Col., A.M.) A.B. 1934, The George Washington University	D.C.	Fry, David Henry (Jun. 24)	W Va.
Fraser, Melville J. (Jun., Ind.)	Md.	Frye, William Neff (Eng. 28)	D.C.
Frawley, Margaret L. (Jun. 51)	D.C.	†Fugitt, Helen Jean (Univ.) A.B. 1932, A.M. 1934, The George Washington University	D.C. D.C.
†Frazier, William D. (Univ.)	Md.	Fulgham, Mary Herbert (Jun. 30)	D.C.
†Frazier, Benjamin William (Ed., Ed.D.) A.B. 1917, University of Tennessee A.M. 1923, Columbia University	D.C.	†Fullarton, William A. (Univ.) A.B. 1932, University of Dubuque	D.C. Ark.
Frazier, L. Fairfax (Col. 63)	Va.	Fuller, Dorothy (Law I) A.B. 1933, Wellesley College	Iowa
Fredericks, Anthony Theo (Law I)	Idaho	Fuller, Sheldon Foster (Law I) B.S. 1920, M.S. 1923, Iowa State College of Agriculture and Mechanical Arts	Iowa Ia.
Free, Harold G. (Law II) B.S. in M.E. 1932, The George Washington University	Iowa	Fullilove, Howell Harman (Law I) A.B. 1934, Centenary College	D.C. Pa.
Free, Richard H. (Eng. 80)	D.C.	Fulmer, John D. (Eng. 20)	D.C.
†Freebairn, Melvin (Ed., A.M.) B.S. 1925, University of Utah LL.B. 1930, The George Washington University	D.C.	Fulton, Carrie Roper (Jun. 60)	D.C.
Freehof, Julius (Eng. 109)	D.C.	†Fulton, Clara Gaines (Ed., A.M.) A.B. 1932, The George Washington University	D.C. D.C.
†Freeman, Allan K. (Univ.)	D.C.	Fusfeld, Cecile Leban (Med. IV)	D.C.
Freeman, Andrew Foster (Eng. 170)	Iowa	Futrovsky, Sam (Jun. 62)	Md.
†Freeman, Dorothy Dean (Univ.)	D.C.	Futterer, Susan Ottilia (I.S. 60)	D.C.
Freeman, Walter (Jun.)	D.C.	†Fyfe, George Arthur (Univ.)	
Freer, Everett Charles (Med. I)	Pa.	G	
Freilicher, George (Ed. 52)	N.Y.		
*Frieot, Winifred Sears (Col. 113)	D.C.	Gabbert, Magee (Jun. 70)	Miss.
French, John Lawrence (Univ.) B.S. in C.E. 1931, Columbia University	D.C.	†Gadsby, Mary (Univ.)	Mass.
French, William Thomas (Jun. 36) LL.B. 1923, The George Washington University	Va.	†Gaffney, Anne Madeline (Univ.)	N.Y.
Frericks, Bertha (Col. 85)	Wis.	Gaghen, Grace D. (Jun. 18)	Pa.
Freshman, Charles Arnold (Jun.)	D.C.	Gaghen, Paul E. (Jun. 1)	D.C.
Freudiger, Maurice (Jun. 26)	D.C.	Gaines, Charlton Mountain (Univ.)	Va.
Freund, John (Jun. 44-66)	Mont.	†Gaither, Eleanor Warfield (Univ.)	D.C.
Frideringer, Arthur Boteler (Jun. 12)	Va.	Gallagher, Jane Frances (Univ.)	N.Y.
Fried, Lillian (Col., A.M.) A.B. 1933, San Diego State Teachers College	Calif.	Gallagher, Mary B. (Univ.)	D.C.
†Friedemann, William G. (Law I) B.S. 1931, M.S. 1932, Oklahoma Agriculture and Mechanical College	D.C.	†Gallon, Randolph McKenzie (Univ.) Galloway, James Henry (Law I) B.S. 1933, University of South Carolina	S.C. Mo.
Friedenson, Julius (Law II) Ph.B. 1930, Yale University	Conn.	†Galloway, Robert E. (Law I) B.S. 1923, The George Washington University	
Friedlander, Herbert Irwin (Jun. 60)	D.C.	Galloway, William F. (Law I) †Gallup, Susan Savage (Univ.)	Idaho Va.
Friedman, Abraham (Col. 60)	D.C.	A.B. 1926, College of William and Mary	D.C.
Friedman, George Irving (Eng. 12)	D.C.	Gamble, Saxilla Latham (Jun. 12)	Mont.
†Friedman, Irene R. (Univ.)	Pa.	Gammon, James Eugene (Law Col. 62)	Va.
Friedman, Joseph Marshall (Jun. 64)	D.C.	Gammon, William Howard (Jun. 62)	Mass.
Friedman, Sadie-Belle (Jun. 69)	D.C.	Gammon, Robert Trafton (Law I) B.S. 1933, Massachusetts Institute of Technology	
†Frierson, Horace, 3d (Univ.) A.B. 1933, Vanderbilt University	Tenn.		
Fries, Barbara H. (Jun. 50)	D.C.		
†Fries, Carol Stephanie (Jun.)	D.C.		

Gann, Mahlon James (Law I)	S.Dak.	Gellman, Paul (Jun. 22)	D.C.
B.S. 1911, St. John's University		Gemeny, Alma Elise (Jun. 24)	D.C.
Gapen, Grace Catherine (Col., A.M.)	Iowa	†Gemmer, Mary A. (Univ.)	D.C.
A.B. 1927, Iowa Wesleyan College		Gemmill, Julia Elizabeth (Jun. 22)	D.C.
Garber, Charles Daniel (Jun.)	Md.	†Geniesse, Hazle P. (Univ.)	
Garber, Elizabeth Louise (Ed., A.M.)	D.C.	A.B. 1922, A.M. 1931, University	
B.S. 1912, Boston University		of Michigan	
Garcia, Labre R. (Jun.)	D.C.	Gentry, Letha Poole (Jun. 42)	D.C.
†Garden, Helen Daisy (Univ.)	D.C.	Genua, Benedict Joseph (Jun. 37)	MA
Gardner, Casper Steinmetz (Univ.)	Ky.	†George, Eleanor Sappho (L.S. 60)	D.C.
Gardner, E. Machin (Ed., A.M.)	Ill.	George, James Henry (Jun. 53)	D.C.
B.Ed. 1926, Western Illinois State		George, Paul Eugene (Law I)	D.C.
Teachers College		Geraci, Mario Jerome (Jun. 6)	N.Y.
A.M. 1928, Northwestern University		Geraci, Verona Lucia (Jun. 6)	D.C.
Gardner, Edward J., Jr. (Jun. 6)	D.C.	Gerber, Harold (Jun. 64)	D.C.
†Gardner, Eulalie (Univ.)	Va.	Gerber, Leon (Med. III)	D.C.
Gardner, James Rae (Univ.)	Ala.	Gerber, Toby (Jun. 31)	D.C.
Gardner, Maxine (Jun. 15)	D.C.	†Gerber, William (Univ.)	
†Gardner, Randall Mercier (Jun., Uncl.)	D.C.	A.B. 1920, University of Pennsylvania	
Gareau, Charles Frederick (Eng. 45)	Mass.	A.M. 1932, The George Washington	
†Garland, Mildred Dorothy (Ed. 95)	D.C.	University	
Garlick, W. Lynn (Med. II)	Ga.	Gerhardt, Janet Sylvia (Col. 53)	U.
A.B. 1933, Emory University		Gerlach, Edgar Martin (Jun. 64)	MA
Garlock, Ann Bolling (Univ.)	Md.	Gerson, Leon (Jun. 23)	D.C.
Garlock, Katharine (Jun. 6)	D.C.	Gersten, Maurice R. (Jun. 84)	Case
Garner, Helen E. (Jun.)	D.C.	†Gerstin, Cynthia (Univ.)	D.C.
Garner, Jennie Frances (Jun. 84)	D.C.	*Gertler, Louis (Law III)	
†Garner, Myrtle Yost (Ed., A.M.)	D.C.	A.B. 1934, The George Washington	D.C.
A.B. 1925, The George Washington		University	D.C.
University		Gertler, Morton (Eng. 17)	
Garrela, Agnes F. (Univ.)	D.C.	*Gessford, Margaret (Ed., A.M.)	
A.B. 1927, A.M. 1932, The George		A.B. 1926, The George Washington	
Washington University		University	
†Garrett, Ann Beth (Col., A.M.)	D.C.	Getz, Howard F. (Law I)	
A.B. 1933, College of William and		B.S. 1930, Syracuse University	D.C.
Mary		Gevinson, Daniel (Jun. 15)	D.C.
†Garrett, Thelma Storer (Univ.)	D.C.	Ghormley, Dyer (Eng. 83)	D.C.
Garrett, Wilbur R., Jr. (Eng. 51)	D.C.	Ghoen, Noel A. (Univ.)	Pa
Garton, Lucy M. (Jun. 10)	Ind.	†Giaccone, Leon Marion (Univ.)	Mich
Garton, Pauline H. (Jun. 20)	N.Mex.	†Gibbons, Robert D. (Jun.)	D.C.
Gatewood, Dorothy (Univ.)	D.C.	Gibbs, Andrew Harris (Jun. 64)	D.C.
†Gattie, Paul A. (Univ.)	N.Y.	†Gibbs, Kate Marie (Univ.)	
Gattis, Austin Phillips (Jun.)	D.C.	A.B. 1919, The George Washington	N.Y.
Gaumnitz, Walter H. (Grad.)	D.C.	University	D.C.
B.S. 1920, A.M. 1924, University of		Giberman, Paul Solomon (Univ.)	
Minnesota		Gibernau, José (Col., A.M.)	D.C.
Gausmann, William Criswell (Jun.)	D.C.	B.S. 1929, Fordham University	Okla
Gauvreau, Margaret Cecilia (Jun. 30)	D.C.	Gibson, Frank Eugene (Jun. 50)	
*Gay, Karl E. (Govt. 112)	Mass.	Gibson, George Edward (Law I)	D.C.
†Gearing, Martha Louise (Univ.)	D.C.	A.B. 1934, University of Oklahoma	Wash
†Gebhard, Elizabeth (Jun. 38)	Tex.	Gibson, Margaret H. (Univ.)	Ky.
Gebhard, Lloyd Wayne (Eng. 33)	D.C.	†Gibson, Stanley Harer (Univ.)	D.C.
Geenenok, Ruth (Law I)	N.J.	Giffen, Jane Parker (Univ.)	Ind.
Gediman, Herbert William (Col. 90)	Mass.	Gilbert, R. Jeannette (Jun. 34)	D.C.
LL.B. 1922, The George Washington		Gilbreath, Mahlon William, Jr. (Law II)	D.C.
University		†Gilder, Albert Samuel (Jun. 32)	Va.
Gee, Stuart C. (Eng. 84)	D.C.	Gile, Philip Lindsay, Jr. (Eng.)	Wash
†Gehrke, Esther Margaret (Univ.)	Wis.	Gilliland, Norman Ambrose (Jun.)	D.C.
Geiger, Barbara Remmel (Col. 89)	D.C.	†Gilkey, Earle W. (Col. 60)	N.Mex.
Geiger, Edward Burns (Jun. 65)	Md.	†Gill, Arthur Patrick (Eng.)	
Geiger, Henry Rice (Univ.)	Pa.	†Gill, Joseph Norman (Law I)	
Gelbach, John A. (Jun.)	D.C.	A.B. 1933, University of New Mexico	
Gelfand, Anne (Jun. 30)	D.C.		

Students Registered

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Gill, Julie (Univ.)	D.C.	Goldsmith, Samuel Jacob (Jun. 12)	Pa
B.S. 1918, Vanderbilt University		Goldstein, Joseph A. (Jun.)	D.C.
A.M. 1920, University of Wisconsin		Goldstein, Max (Med. II)	D.C.
Gill, Parker Emory (Univ.)	N.H.	Gonzalez, Ada Maria (Jun., Uncl.; Univ.)	P.R.
†Gill, Robert Francis (Univ.)	Del.	Gooch, Donald Willis (Col., A.M.)	Ohio
†Gillard, Joseph Rogers, Jr. (Law I)	D.C.	A.B. 1931, The George Washington University	N.J.
A.B. 1935, University of Michigan		†Gooch, Theodore John (Univ.)	Kans.
Gillin, Eleanor (Jun. 30)	D.C.	Good, Newell Emanuel (Grad.)	
†Gillis, Barbara Louise (Ed. 53)	D.C.	A.B. 1927, Heidelberg College	
Gilman, Jacob (Med. I)	D.C.	M.S. 1929, The George Washington University	
†Gilmore, Marguerite (Ed. 75)	D.C.	Goodall, Alfred Burrows (Col. 157)	D.C.
Ginberg, Louis (Col. 75)	D.C.	†Goodell, John Elson (Jun. 40)	Kans.
LL.B. 1930, The George Washington University		†Goodman, David A. (Jun. 61)	D.C.
Gingell, Lawrence Henry (Jun.)	D.C.	†Goodman, Edgar Leonard (Univ.)	D.C.
†Gingery, Donald Edward (Univ.)	Pa.	A.B. 1926, M.D. 1929, The George Washington University	
Gingras, Angele Marie (Univ.)	D.C.	M.M.Sc. 1934, University of Pennsylvania	Mass.
†Ginrich, Robert Kelley (Univ.)	D.C.	†Goodman, Leo (Univ.)	Wis.
Given, Ralph, Jr. (Law I)	D.C.	Goodman, Robert (Law I)	
†Givens, Louise L. (Univ.)	D.C.	A.B. 1932, University of Wisconsin	Colo.
Glasgow, Augustus Russell, Jr. (Jun. 93)	Md.	†Goodnow, Wilbur Emerson (Law I)	
†Glaas, Dorothy M. (Jun.)	Calif.	A.B. 1933, University of Colorado	D.C.
Glassman, Samuel (Med. III)	N.Y.	Goodrich, Cora Frances (Col. 89)	Oreg.
Glaueach, Nathan (Med. IV)	D.C.	Goodrich, Vernon Lee (F.A. 105)	Ill.
A.B. 1932, The George Washington University		†Goodwin, M. Kent (Univ.)	W.Va.
Gleason, Marshall Cedric (Col., A.M.)	D.C.	Goodykoontr, William Francis (Col. 68)	D.C.
B.S. 1934, The George Washington University		†Goolsby, Madge C. (Jun. 45)	D.C.
†Gleason, Mary Louise (Ed. 69)	D.C.	Goozh, Arthur S. (F.A. 107; Govt., A.M.)	D.C.
Gleim, Irvin V. (Law I)	Ohio	Gordon, Armand Byron (Med. I)	D.C.
B.S. 1934, University of Dayton		Gordon, Hyman Herbert (Jun. 27)	Conn.
Glick Joseph John (Jun. 53)	Kans.	Gordon, Jennie Millicent (Jun. 106)	D.C.
†Glockler, Ralph Otto (Jun.)	D.C.	Gordon, Nancy Vera (Univ.)	D.C.
†Gnam, James Henry (Eng., Uncl.)	Iowa	Gordon, Robert Eugene (Law I)	Wis.
†Goddard, Jennie Clayton (Col. 119)	S.C.	A.B. 1930, Trinity University	
Godey, Thomas Rasen (Univ.)	D.C.	Gordon, Roberta Paul (Jun. 38)	D.C.
Goebel, Violet Dorothy (Jun. 46)	D.C.	Gore, Harold Olen (Law II)	N.Mex.
†Goff, Asa A. (Jun.)	Kans.	Gormly, Eva May (Col. 112)	Iowa
Goffredi, Louis Joseph (Med. I)	N.Y.	†Gorse, Peter Francis (Jun.)	R.I.
B.S. 1934, Catholic University of America		Gose, Carroll C. (Eng., Uncl.)	Va.
Gohsen, Mildred C. (Jun. 9)	Md.	Gosnell, Earl John (Univ.)	D.C.
Goldberg, Ann (Col. 93)	N.J.	Gottlieb, Jerome Joseph (Govt. 66)	D.C.
Goldberg, Bessie F. (Ed., A.M.)	N.J.	Gottlieb, Joseph (Jun. 47)	D.C.
A.B. 1929, New York State College for Teachers, Albany		†Gottschalk, Louis C. (Col., A.M.)	Wis.
†Goldberg, Herman (Eng.)	Md.	A.B. 1931, University of Wisconsin	
Goldberg, Isadore (Phar. 60)	D.C.	†Gould, Irene Sinclair (Univ.)	Md.
Goldberg, Oscar R. (Jun. 11)	D.C.	Goumas, Marcus Peter (Jun. 26)	Pa.
Goldberg, Shirley (Jun. 35)	D.C.	Gover, Samuel Clark (Col. 114)	Md.
Goldberger, Mary (Jun. 5)	Miss.	†Goyette, Linus F. G. (Col. 89)	Mass.
Golden, Gene Edward (Eng. 106)	D.C.	†Gradolph, William Franck, Jr. (Law III)	Ohio
Golden, Robert (Med. II)	D.C.	Grady, Florence Elizabeth (Col. 82)	D.C.
Goldenberg, Pearl (Univ.)	D.C.	†Graef, Allan Hathaway (Jun.)	Mass.
Goldensohn, Eli Samuel (Jun. 34)	N.J.	†Graf, Theodore R. (Jun. 54)	Iowa
Goldensohn, Leon Nathaniel (Med. III)	N.J.	Graf, Paul Mabon (Jun.)	Pa.
A.B. 1932, Ohio State University		Graham, Elmer F. (Jun.)	Ind.
Goldfaden, Benjamin Paul (Jun. 24)	N.J.	Graham, Henry Joseph (Univ.)	Tex.
Goldman, Joseph (Jun. 30)	D.C.	Graham, Violet W. (Jun.)	Ariz.
Goldman, Milton (Med. I)	D.C.	Granberry, Billy B. (Law III)	Miss.
Goldman, Nathan (Col. 61)	D.C.	Granier, James Albert (Col. 55-33)	Mont.
Goldsbey, Theodore D. (Law I)	Ark.		

Students Registered

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Hadley, Harold D. (Law II)	Iowa	Hamilton, Courtney Cooper, Jr. (Jun.)	Tenn.
Hadley, Katharine (Univ.)	D.C.	Hamilton, Donald Menzies (Eng. 101)	D.C.
Hahnert, John R. (Jun. 21)	N.C.	Hamilton, Dorothy (Ed. A.M.)	N.Y.
Hagen, Eville H. (Jun. 21)	Mo.	A.B. 1931, American University	
Hagarty, Ann Louise (Univ.)	Va.	†Hamilton, Edythe Anna (Jun. 47)	Iowa
Hagen, Adolph W. (Jun. 57)	Minn.	Hamilton, Howard (Law I)	W.Va.
Hagenah, Theda (Jun. 30)	Wis.	†Hamilton, John Dalton (Jun. 18)	D.C.
Hagenbergh, John R. (Govt. 108)	Pa.	Hamilton, Julian P. (Jun. 47)	N.C.
†Hagenson, Geraldine Polvrb (Jun.)	N. Dak.	Hamilton, George Rathbone, Jr. (Eng. 29)	D.C.
Hager, Katharine D. (Univ.)	D.C.	Hamm, Anne Vooman (Jun.)	N.Y.
Haggerty, Joseph Aloysius (Jun.)	Pa.	†Hammot, Charles Keller (Univ.)	Conn.
Haggett, Isabelle B. (Univ.)	D.C.	Ph.B. 1930, Yale University	
†Hag, Charles R. (Univ.)	N.J.	†Hammot, Maxine Elliot (Ed. A.M.)	D.C.
Hagg, John Adams (Eng. 80)	D.C.	B.S. 1931, Wilson Teachers College	
Haines, Howard K. (Law I)	Tex.	Hammill, Caroline Ashby (Jun. 42)	D.C.
B.S. 1931, North Texas State Teachers College		Hammond, John C. (Ed. A.M.)	R.I.
Hais, Harry Irving (Jun. 61)	D.C.	Hammond, John C. (Ed. A.M.)	China
Hanslip, Louis Frances (Jun.)	D.C.	Han, Shou Heran (Ed. A.M.)	
†Hale, J. William, Jr. (Law I)	Tenn.	A.B. 1930, National University of Peking	
A.B. 1931, Washington and Lee University		Hanback, William Brecht (Law, Uncl.)	D.C.
Hale, M. Lance (Jun. 33)	D.C.	A.B. 1932, L.L.B. 1934, The George Washington University	
Haley, James William (Law II)	Va.	Hancock, William Owen, Jr. (Law I)	D.C.
Haley, Mary Brooks (Ed. 91)	D.C.	Hand, Frances Rebecca (I.S. 90)	D.C.
Haley, William M. (Jun. 15)	Wash.	Hank, Frank Baden (Col. 60)	Colo.
†Hall, J. Leonard (Ed. 118.4)	D.C.	Hand, John Phelps, Jr. (Med. III)	Md.
Hall, Fred Hubert (Jun.)	D.C.	A.B. 1932, Ohio Wesleyan University	
Hall, Grace Cloughton (Ed., A.M.)	Va.	Hant, Mary Elizabeth (Jun. 19)	D.C.
A.B. 1933, The George Washington University		Handloff, Alvin (Law I)	Del.
Hall, Hattie Stuart (Univ.)	Va.	A.B. 1934, University of Delaware	
†Hall, Helen Beryl (Ed., A.M.; Col. A.M.)	D.C.	Handloff, Herman (Law III)	Del.
A.B. 1932, The George Washington University		A.B. 1932, University of Delaware	Va.
Hall, James M. (Jun.)	D.C.	Hanes, Gravson Bland (Eng. 90)	Iowa
†Hall, James P. (Univ.)	N.C.	Hanken, Raymond George (Jun. 27)	D.C.
Hall, John R. (Jun.)	N.C.	Hankins, Robert Barrow (Jun. 62)	Mont.
†Hall, Joseph P. (Eng., Uncl.)	D.C.	Hanks, Clementine (Jun. 54)	W.Va.
B.S. 1934, West Virginia Wesleyan College		Hanley, Donald B. (Jun., Uncl.)	D.C.
Hall, Mary Louise (Jun. 47.33)	Tex.	Hanley, Gussie Mae (Jun. 27)	D.C.
†Hall, Mildred Yeba (Jun. 42)	D.C.	Hanley, John Alexander (Law I)	
Hall, Richard Walter (Univ.)	Md.	A.B. 1934, Washington and Lee University	
A.B. 1928, Yale University		Hanna, Paul L. (Col., Uncl.)	Fla.
Hall, Robert Edward Lee (Law II)	Md.	†Hannan, Loretta (Ed., A.M.)	D.C.
A.B. 1932, The George Washington University		A.B. 1932, The George Washington University	
†Hall, Virginia L. (Univ.)	Idaho	Hannan, Mary Angela (Univ.)	D.C.
Hall, William Russell (Univ.)	Md.	†Hanscom, Fred Roberts, Jr. (Jun.)	Mo.
A.B. 1924, University of Michigan		†Hansen, Arnold K. (Eng. 24)	N.J.
Hallam, H. Charles Jr. (Jun. 52, Law I)	D.C.	†Hansen, Grace M. (Univ.)	Idaho
†Hallauer, Everett Mack (Univ.)	D.C.	Hansen, Wayne J. (Jun. 45.33)	Calif.
Haller, Herbert Weaver (Eng. 129)	Va.	Hanson, Clara Amelia (Jun. 39)	Kans.
†Hallman, Paul Woodrow (Jun. 79)	Va.	Harbaugh, Eva Luella (Ed., A.M.)	Md.
Hamlin, Louis Laval, Jr. (Jun. 27)	D.C.	A.B. 1931, The George Washington University	
†Hamer, Edward Ryan (Law I)	S.C.	Harden, Jean (Jun. 25)	D.C.
A.B. in Ed. 1931, University of North Carolina		†Harbester, John Sylvester, Jr. (Jun.)	D.C.
Hamill, John Stafford (Eng. 57)	D.C.	Hardiman, Ralph S. (Law II)	Minn.
Hamilton, Alice Ramsey (Jun. 40)	Ga.	A.B. 1933, University of Minnesota	
Hamilton, Claire Wilson (Jun.)	Iowa	Harding, Davis Philoon (Jun. 30)	Ohio
†Hamilton, Corbin Braxton (Univ.)	Miss.	Harding, Dorothy Virginia (Jun. 30)	Md.
		Harding, Ralph Lee (Univ.)	D.C.
		†Hardisty, Edward L. (Univ.)	D.C.

†Hardy, Beatrice E. (Jun. 24)	Wash.	†Harrison, W. Hollis (Jun. 41)	Ark.
Hardy, Glen Ewing (Law III)	Utah	Harrison, William Wirt, Jr. (Law II)	S.C.
A.B. 1930, University of Utah		A.B. 1930, Davidson College	N.Y.
Hardy, Karl John (Law, LL.M.)	Utah	Harrow, Sylvia (Univ.)	S.Dak.
A.B. 1928, University of Utah		†Harroen, Edythe Viola (Jun.)	Mass.
LL.B. 1931, The George Washington University		†Hart, Joseph Irel (Law I)	Conn.
Hardy, Leonard Daniel (Law I)	Miss.	A.B. 1933, Brigham Young University	Vt.
A.B. 1928, University of Mississippi		Hart, Laurence C. (Jun.)	
Hargett, Anna May (Univ.)	Md.	Hartman, Clarence Richard (Med. III)	
†Hargett, Oscar Sargent (Jun. 18)	Ala.	A.B. 1934, The George Washington University	Pa.
†Harkness, Hetty Louise (Jun. 35)	Va.	Hartman, John Adams, Jr. (Law II)	Calif.
Harlan, Frances McNeer (Col., A.M.)	D.C.	A.B. 1932, Dickinson College	Id.
A.B. 1912, The George Washington University		†Hartmann, George W. (Eng. 44)	D.C.
Harlan, Jack Rodney (Jun.)	D.C.	Hartnett, Harriette Howe (Jun. 30)	Calif.
Harlan, Wilbur Vaughn (Col. 89)	D.C.	Hartung, Elizabeth (Jun. 30)	D.C.
†Harlow, Louise W. (Univ.)	N.C.	†Hartwell, Brace F. (Univ.)	D.C.
Harmon, Robert Luther (Jun.)	D.C.	Harvey, George Reuben (Jun. 38.66)	D.C.
†Harms, William Henry (Eng. 76)	Md.	Harvey, John Augustus (Law I)	Va.
†Harper Anna Elizabeth (Ed. 80)	D.C.	B.S. 1911, University of Illinois	Va.
†Harper, Helen Virginia (Ed., A.M.)	D.C.	Harvey, Leonard Lewis (Col. 101)	D.C.
A.B. 1928, The George Washington University		Harvey, Vera Mae (Jun.)	D.C.
Harper, Lamar Blewett (Med. III)	Mont.	†Harvey, William Ford (Univ.)	Ark.
†Harper, Thelma Claire (Univ.)	N.C.	†Harvill, James E. (Eng.)	Ark.
A.B. 1920, Lander College		†Haske, John Petree (Jun., Uncl.)	
Harrell, Albert Wesley, Jr. (Jun.)	Va.	†Haskell, A. Porter, Jr. (Law I)	D.C.
†Harrell, Hugo Lewis (Univ.)	Ala.	B.S. 1930, Dartmouth College	
Harrell, Jerome Blaine (Med. III)	D.C.	†Haskell, Frank B., Jr. (Col., A.M.)	D.C.
†Harriman, Martha Ann (Jun.)	Ohio	B.S. 1932, The George Washington University	
Harrington, Cecile B. (Univ., Law, Uncl.)	D.C.	Haskell, Trueman Lanham (Eng.)	Uncl.
A.B. 1912, The George Washington University		Haslam, Reuben (Law I)	Calif.
†Harrington, Janette T. (Univ.)	Ohio	Haslam, William Hill (Univ., Col., A.M.)	D.C.
B.S. in Jour. 1931, Ohio State University		B.S. 1934, Brigham Young University	D.C.
Harris, C. Walter (Col. 93)	Iowa	Hasslocher, Claudio Germano (Univ.)	Nor.
Harris, Ernest Malone, Jr. (Law II)	S.C.	†Hasson, Teresa R. (Univ.)	D.C.
A.B. 1931, Wake Forest College		Hatch, Lorraine Georgia (Col. 77)	Nor.
†Harris, Foley White (Univ.)	D.C.	Hatch, Mellie Louise (Jun. 29)	
Harris, John Ashton (Law I)	Va.	†Hatch, Ruth Streeter (Univ.)	D.C.
A.B. 1933, University of Richmond		A.B. 1929, University of Nevada	D.C.
Harris, John Law (Law III)	Va.	Hatchett, Lola Margaret (Jun.)	Min.
Harris, Louise (Univ.)	Okla.	†Hatchway, Beulah (Jun.)	Min.
Harris, Robert Barrows (Col., A.M.)	Utah	Hathorn, Alleen (Col., Uncl.)	
A.B. 1933, The George Washington University		Hathorn, Fleet Cooper, Jr. (Law I)	
Harris, Thomas Hilliard (Jun. 77)	Miss.	B.S. 1933, Mississippi State Teachers College	D.C.
Harris, William James (Univ.)	Va.	Hathorn, Herbert Camp (Col., Uncl.)	D.C.
†Harris, William Jay (Law I)	D.C.	†Hatke, Margaret Elizabeth (Jun. 39)	W.Va.
A.B. 1933, University of California		Hatton, Don Virgil (Med. III)	D.C.
†Harrison, Edward (Jun.)	D.C.	†Hatten, Evelyn Elizabeth (Univ.)	Ill.
Harrison, Jane Kollock (Ed. 100)	Va.	†Hatten, John Theodore (Law III)	Kent.
Harrison, John Ward (Eng. 83)	D.C.	†Haughey, John Theodore (Col., A.M.)	
†Harrison, Joseph Owens (Col. 84)	D.C.	Haupt, Ralph Freeman (The George Washington University)	N.Y.
†Harrison, Louis Pincus (Col. 79)	Mass.	B.S. 1933, The George Washington University	D.C.
Harrison, Marjorie Belle (Jun. 27)	N.C.	†Hausknecht, Ephraim (Col. 101)	
Harrison, Susan-Ish (Col., A.M.)	Va.	Havell, Robert Barron (Med. IV)	D.C.
A.B. 1928, The George Washington University		B.S. 1931, University of Maryland	D.C.
Harrison, Sydney Lee (Jun. 77.93)	D.C.	Havos, Mildred (Jun. 30)	
†Harrison, Tommie Lee (Jun.)	Ark.	Hawes, Katherine Norman (Law III)	D.C.
		A.B. 1933, Cornell University	D.C.
		Hawes, Richard Paulson (F.A. 72)	Ge.
		†Hawkins, Burton Sydnor (Jun. 9)	
		Hawthorne, R. Glenn (Jun.)	

Students Registered

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Hawthorne, William Gillmann, Jr. (Jun.)	Colo.	Heison, Walter John (Jun.)	Pa.
Hay, Malcolm, Jr. (Law I)	N.Y.	Heise, Robert (Eng. 3)	Ill.
†Hay, Tom Robert (Univ.)	N.C.	Heitzmann, Siater Celine Mary (Med. I)	N.Y.
Haycock, David LeGrande (Jun. 28)	D.C.	†Heizer, Mabel Sidney (Univ.)	D.C.
†Haycock, Stephen Pineo (Col. 86)	Md.	Heller, Eleanor A. (Law II)	D.C.
LL.B. 1934, Columbus University		Helm, Herschel H. (Eng.)	Ky.
†Haycraft, Charles I. (Univ.)	D.C.	Helmholz, Yedda Feldman (L.S., Uncl.)	Calif.
†Haycraft, Sylvester Jolly (Univ.)	Minn.	A.B. 1928, University of California	
Hayes, Dean Macser (Jun. 29)	Utah	at Los Angeles	
Hayes, Gerald Mark (Jun.)	Wash.	Helvestine, Albert Harrison (Eng., Uncl.)	D.C.
Hayes, Nona Margaret (Jun.)	Wash.	B.S. 1933, The George Washington	
Hayes, Oswald Gray (Col. 111; Law I)	Utah	University	D.C.
†Hayes, Robert D. (Univ.)	Fla.	Helvestine, William (Law III)	Pa.
†Hayes, Ruth G. (Univ.)	D.C.	Helwig, Frederick George (Med. III)	
Haynes, Gideon Leslie (Law I)	D.C.	B.S. 1932, Franklin and Marshall	
A.B. 1934, The George Washington		College	D.C.
University		Helwig, Richard A. (Jun. 69)	Kans.
Haynes, Harry James (Med. I)	D.C.	†Henderson, Benton Maret (Univ.)	Tex.
†Haynes, Mary Hazelcine (L.S. 111)	N.C.	†Henderson, James McInnes (Law I)	D.C.
Haynie, A. Laura (Ed. 80)	D.C.	Henderson, Mary Ann (Col., A.M.)	
Haynsworth, Custis Hall (Med. I)	S.C.	A.B. 1934, The George Washington	
Hays, Dolph (Jun., Uncl.)	Ark.	University	D.C.
Hays, Kenneth N. (Govt., A.M.)	Kans.	Henderson, Ralph Leonard (Jun. 74)	D.C.
A.B. 1933, University of Wichita		Henderson, Roy Burge (Eng., Uncl.)	Pa.
Hays, Omar I. (Jun.)	Ga.	†Henderson, T. Greig (Govt. 70)	D.C.
Hayworth, Lucile Woodson (Col., A.M.)	Va.	Hendricks, Arthur Glen (Law I)	
A.B. 1933, Brenau College		A.B. 1927, Illinois College	Md.
Hazard, Charlotte Woodbridge (Col. 97)	Md.	†Hendricks, John E. (Law III)	
Hazard, John Henry (Med. I)	D.C.	B.S. 1929, The George Washington	
Hazard, John Wharton (Univ.)	Md.	University	Wis.
A.B. 1933, Haverford College		Hendricks, Walter A. (Col., A.M.)	
Healy, Arthur (Jun. 36)	Conn.	A.B. 1929, The George Washington	
Healy, Ernest Alfred (Col. 100)	Va.	University	D.C.
Heany, Rita (Jun.)	Md.	Hennig, Hugo M. (Jun.; Eng., Uncl.)	Pa.
†Hearth, Kathryn Gladys (Col., A.M.)	D.C.	Henninger, Clair Francis (Jun. 41)	Ohio
A.B. 1931, American University		Henrie, Homer Hudson (Law II)	
†Heaton, Eppa H. (Univ.)	D.C.	B.S. in Bus. Adm. 1931, Ohio State	
Heathcote, Earl Payne (Univ.)	D.C.	University	Mont.
Hechmer, Antoinette D. (Jun. 6)	W.Va.	†Henry, Donald Lee (Jun., Uncl.)	Wash.
LL.B. 1921, The George Washington		Henry, Edward Ernest (Law III)	Pa.
University		†Henry, Helen Mary (Jun.)	Iowa
Hecht, G. Maurine (Jun. 12)	S.Dak.	Henryson, Osmon E. (Jun.)	Mass.
Heckel, Alford A. (Govt. 89)	Ill.	Henshaw, Walter (Univ.)	D.C.
Hedrick, Oppie Lee (Law II)	W.Va.	Hepburn, Norman C. (Eng. 93)	Ark.
Hears, William Henry (Univ.)	Wash.	†Herget, Richard Philip (Univ.)	
A.B. 1930, Whitman College		B.S. in M.E. 1934, University of	
Hefley, Nona Esther (Jun.)	D.C.	Arkansas	Ky.
†Hefebower, Marjorie Frances (Jun. 30)	Mo.	Herndon, Miriam Jones (Ed., A.M.)	
†Hefy, Georgella Crawford (Col. 119)	Md.	A.B. 1932, The George Washington	
Hegg, Beatrice J. (Col. 96)	S.Dak.	University	D.C.
Heilman, James M. (Law II)	Pa.	Herndon, Raymond Weedon (Jun. 32)	D.C.
E.E. 1930, Lehigh University		†Herrick, Philip F. (Law, Spec.)	
Heilman, Jesse (Jun. 21)	D.C.	A.B. 1929, Williams College	
Heilman, Louis (Jun. 21)	D.C.	LL.B. 1933, The George Washington	
Heine, William A. (Eng. 65)	D.C.	University	D.C.
†Heintel, Carl Frederick (Law I)	D.C.	Herrmann, Christine Louise (Jun. 40)	D.C.
B.S. 1928, State University of Iowa		Herschkowitz, Aaron Louis (Jun. 23)	D.C.
A.M. 1934, The George Washington		Herzog, Helen N. (Col. 71)	Ark.
University		Heslep, Douglas Saint (Jun. 36)	D.C.
†Heintel, Laura Snell-baker (Univ.)	D.C.	†Hess, Charles Gerald (Jun. 24)	D.C.
Heins, Vernet H. (Med. IV)	Nebr.	Hess, Eva Roseberry (F.A. 71)	D.C.
Heiserman, Elbert George (Law I)	Iowa	Hess, Jeanette S. (Jun., Uncl.)	D.C.
A.B. 1930, State University of Iowa		*Hess, Laurie Floyd (Eng. 123)	D.C.

Hetrick, Robert Cary (Eng. 50)	Md.	{Hintgen, Hubert John (Univ.)	N.Da.
Hewins, Elizabeth (Jun. 1)	D.C.	A.B. 1932, University of Minnesota	Min.
Howston, Elizabeth M. (Univ.)	D.C.	Hipp, Norbert John (Col. 109)	Ill.
B.S. 1920, A.M. 1930, The George Washington University		Hirsch, Frank Tom (Jun. 69)	Ill.
Hewer, Adeline Audrey (Univ.)	D.C.	Hirst, E. Byron (Law I)	D.C.
Howard, Charles Oliver (Jun. 62)	D.C.	A.B. 1933, University of Nebraska	N.H.
Heyward, David Austin (Col., A.M.)	D.C.	Hiscox, Nell Fremont (Ed. 106)	
A.B. in Ed. 1934, The George Washington University		Hislop, Robert Norman (Law I)	D.C.
{Hiett, John E. (Jun., Incl.)	Ind.	A.B. 1930, Bates College	Kan.
Hibschman, Maurice (Law II)	Wash.	A.M. 1931, American University	
B.S. 1911, U.S. Naval Academy		{Hite, Preston Bird (Jun.)	
Hickerson, Ella Mason (Jun., Ind.)	Md.	Hix, William Beryl (Law I)	
{Hickey, Andrew Samuel (Law I)	N.Y.	A.B. 1934, The George Washington University	D.C.
Graduate 1906, U.S. Naval Academy		{Hixon, Walter S. (Univ.)	D.C.
{Hickley, Thomas James (Univ.)	N.J.	{Ho, Pei Yuan (Univ.)	D.C.
Hicks, H. Natalie (Jun. 27)	Md.	Hobart, Carol L. (Univ., Jun. 10)	Mich.
Hicks, Margaret A. (Col. 118)	Md.	Hobart, Harold McComb (Med. III)	MA
{Hicks, Robert Waverly (Jun. 14)	W.Va.	B.S. 1929, Alma College	GA
{Hickok, Herbert George (Jun.)	N.Y.	{Hobbs, Helen Marjorie (Univ.)	IL
Hoble, Wilbur Warren (Med. I)	D.C.	{Hobbs, James Arthur (Jun. 12)	MA
Hogbin, Howard E. (Univ.; Col., A.M.)	Colo.	Hobbs, Robert Boyd (Col. 106)	
B.S. in Ed. 1910, Eastern Teachers College, S.Dak.		Hobbs, Winston Ellis (Law II)	IL
Hughland, John Norbert, Jr. (Jun.)	N.Y.	A.B. 1933, Dartmouth College	Pa.
Hight, Frank Sawyer, Jr. (Univ.)	D.C.	{Hobson, Barbara E. (Jun. 52)	Cal.
Hildebrand, Harriet Elizabeth (Jun.)	D.C.	Hochstetter, Leo D. (Jun. 45)	Pa.
{Hiller, Janie F. (Univ.)	D.C.	{Hodge, Jean (Univ.)	IL
Hill, Anne Blair (Jun. 51)	D.C.	{Hodges, John Grady (Univ.)	Kan.
Hill, Belva Gertrude (Jun. 61)	D.C.	Hodgkins, Helen Marie (Jun. 91)	
Hill, Elizabeth Marie (Jun. 32)	Mich.	Hodgson, Arthur Clay (Law II)	MA
{Hill, Ida May (Univ.)	Va.	A.B. 1929, University of Kansas	W.Va.
B.S. 1926, Farmville State Teachers College, Va.		Hodson, Robert Edward (Col. 99)	Cal.
A.M. 1932, Columbia University		Hoebrechts, Omer S. (Law I)	
{Hill, James Wilburn (Jun. 24)	Ill.	{Hoeppe, Raymond W. (Univ.)	D.C.
Hill, John Lyman (Law I)	Wis.	B.S. 1930, M.S. 1931, California Institute of Technology	D.C.
Hill, John Robert (Law I)	Ill.	Hofberg, Israel Albert (Phar. 67)	
{Hill, Kearsy L. (Jun. 12)	Va.	Hoffheins, Francis M. (Col., A.M.)	D.C.
Hill, L. Dale (Law I)	D.C.	B.S. in Ch.E. 1933, The George Washington University	Iowa
Hill, Marjorie Virginia (Jun. 21)	D.C.	Hoffman, Carl O. (Eng. 77)	D.C.
Hill, Richard A. (Law II)	Pa.	Hoffman, Charles North (Law I)	
A.B. 1932, The George Washington University		A.B. 1930, University of Iowa	Cal.
{Hill, Roland L. (Univ.)	D.C.	Hoffman, Edward Lewis (Col. 60)	
Hill, Samuel Thomas (Law II)	N.C.	B.S. 1929, Roanoke College	D.C.
A.B. 1912, The George Washington University		Hoffmann, Catherine E. (Col 1932, The George Washington University	MA
Hiller, Clara G. (Ed., A.M.)	D.C.	Hohberger, Doris (Jun. 15)	Cal.
A.B. 1914, Ohio Wesleyan University		{Hohensee, Benjamin George (Univ.)	MA
Hillman, Samuel (Med. I)	D.C.	{Holbrook, Florence Virginia (Jun.)	Cal.
Hills, Donald Sherman (Jun. 26)	Ill.	Holcomb, Luther Jenkins (Law I)	MA
Himmelfarb, Alvin (Univ.)	D.C.	Holcombe, John Lavalley (Law III)	
Himmelfarb, Arthur Robert (Jun. 9)	D.C.	A.B. 1932, University of California	
Himmelheber, Charles M. (Jun. 66)	D.C.	Holcombe, Priscilla (Ed., A.M.)	
Hines, C. Calvert, Jr. (Univ.)	D.C.	A.B. 1934, The George Washington University	
Hins, Wilma W. (Jun. 17)	D.C.	Holden, James Bernard (Jun. 40)	MA
{Hinsbury, Frederick Charles (Univ.)	D.C.	Holden Massey Tydings (Jun. 30)	N.C.
B.S. 1929, C.S. 1933, Cooper Union College		Holden, Robert B. (Law I)	Pa.
{Hinkle, Oliver Clarence (Jun. 12)	Okla.	Holden, Waldo Coleman (Law I)	
		A.B. 1925, M.B.A. 1927, Harvard University	

Students Registered

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Holdstock, H. Bruce (Jun. 58)	Calif.	Horner, Charles Kenneth (Col., A.M.)	Va.
Holladay, Grace Antoinette (Jun. 17)	Minn.	B.S. 1932, The George Washington University	
Hollander, Frederick P. (Jun.)	N.Y.	Horner, E. Marcia (Jun. 10)	Va.
Hollander, John Jay (Jun. 61)	N.Y.	Horner, Jack Chenoweth (Med. II)	D.C.
Holles, Lela D. (Jun. 31)	D.C.	Hornstein, Sophie (Univ.)	D.C.
Holles, Max Vinson (Jun.)	Ala.	Hornstein, Samuel (Med. IV)	N.Y.
Holliday, Clyde (Univ.)	Tex.	Horowitz, Mabel Falk (Col. 97)	Va.
Holliday, James Thomas, Jr. (Law I)	Ill.	Horton, Marcus (Med. I)	N.Y.
B.S. in Bus. Adm. 1933, Washington University		Hortenstein, David (Law I)	D.C.
Holliday, Lane Harden (Univ.)	N.C.	A.B. 1922, Western Maryland College	Ill.
Hollimon, Blaine Spraghis, II (Law I)	Tex.	Houlst, Geneva Frances (Ed., A.M.)	
Hollingsworth, Samuel Shorey (Univ.)	Pa.	B.S. 1924, Northwestern University	N.Y.
Holly, William Heym (Jun., Ind.)	D.C.	House, Daniel Kay (Jun. 27)	D.C.
Hollowell, Lahoma Clinton (Ed. 101)	D.C.	House, Ellen Clarke (Jun.)	Tenn.
Holstein, Edmund William (Law I)	Nebr.	Houston, Paris F. (Law III)	
Holmes, Chester Winfield (Ed., Ed.D.)	D.C.	A.B. 1930, Lincoln Memorial University	D.C.
B.S. 1916, Ed.M. 1924, Harvard University		Houston, Robert Neil (Jun.)	Pa.
Holmes, Grace Bruce (Univ.)	Md.	Howard, Charles S. (Law I)	
B.S. 1919, University of Maryland		B.S. in Ec. 1922, University of Pennsylvania	Va.
M.S. 1922, Ph.D. 1925, The George Washington University		Howard, Dorothy Breeding (Col., A.M.)	
Holmes, Louis A. (Univ.)	Nebr.	A.B. 1926, Berea College	D.C.
A.B. 1928, University of Nebraska		Howard, I. Ray (Jun. 62)	Va.
L.L.B. 1933, The George Washington University		Howard, James Darran (Med. I)	D.C.
Holowachka, Anne (Col. 78)	Ind.	Howard, Laskey Johnson (Ed. 102)	Va.
Hoh, Laurence James (Univ.)	Nev.	Howard, Lucie Lee (Jun. 45)	D.C.
Hoh, William L. (Col. 80)	D.C.	Howard, Marion (Col. 60)	D.C.
Holtzman, Joseph (Jun.)	D.C.	Howard, Mary Helen (Jun.)	Ga.
Holtzman, Saul (Med. II)	D.C.	Howard, Pierre duVigne (Law I)	D.C.
Homer, David (Law I)	Utah	Howard, Richard C. (Univ.)	D.C.
B.S. 1931, M.S. 1932, Utah State Agricultural College		Howard, Ruth M. (Ed., A.M.)	
Homer, John Wendell (Jun. 43-33)	Utah	A.B. 1934, The George Washington University	Colo.
Hood, Dorothy Virginia (Ed. 97)	Md.	Howard, William E. (Jun. 12)	D.C.
Hood, James Edward (Eng. 13)	D.C.	Howard, William J. P. (Med. III)	
Hood, R. Horace (Eng. 67)	N.C.	B.S. 1932, The George Washington University	Fla.
Hood, Ruth Frohlich (Univ.)	Va.	Howarth, Catherine S. (Col., A.M.)	
Hoover, Howard S. (Law II)	Wyo.	A.B. 1934, L.L.B. 1934, John B. Stetson University	Nebr.
A.B. 1934, University of Kansas		Howe, Henry Herbert (Grad.)	
Hoover, Katherine Lora (Univ.)	W.Va.	A.B. 1928, A.M. 1931, University of Nebraska	D.C.
A.B. 1926, The George Washington University		Howe, Sally (Univ.)	D.C.
Hoover, Paulina Hood (Jun.)	D.C.	Howe, William Ernest (Jun. 57)	D.C.
Hoover, Ruth Worcester (Univ.)	D.C.	Howell, Herbert Spencer (Jun., Ind.)	D.C.
Hoover, William Mitchell, Jr. (Med. IV)	D.C.	Howell, James M. Corkle (Jun., Ed. 112)	Okla.
A.B. 1930, The George Washington University		Howell, Robert Wayne (Jun.)	Miss.
Hoppe, Carolyn Louise (Law II)	D.C.	Howells, William R. (Jun.)	Utah
A.B. 1925, Coe College		Howenstein, Katherine L. (Univ.)	D.C.
Hoppmann, William H., Jr. (Col., A.M.)	S.C.	A.B. 1928, Randolph-Macon Woman's College	Md.
B.S. 1920, College of Charleston		Howser, Philip Charles (Jun. 27)	Wis.
Hopwood, Kate Elizabeth Locke (Jun. 92)	D.C.	Hubbard, Allen Bradley (Law II)	Fla.
Horn, Siver Ward (Jun.)	Oreg.	Hubbard, Donald (Univ.)	
Hornbrook, Frank Wheeler, Jr. (Eng. 93)	Me.	B.S. in C.E. 1923, M.S. 1924, University of Florida	
Horne, Albert Merrill (Med. III)	Utah	Ph.D. 1932, American University	D.C.
A.B. 1932, University of Utah		Hubbard, Jerome G. (Univ.)	
Horne, Andrew David (Jun., Uncl.)	Mass.	A.B. 1927, American University	
Horne, Marion Seth (Jun. 34)	Utah	M.S. 1928, Georgetown University	
Horner, Blanche A. (Jun. 23)	Va.		

Hubbard, Opal Rhea (Univ.)	Ind.	Hutchinson, Helen Mabel (Ed., A.M.)	D.C.
Hubbel, Carter Carol (Law III)	Wis.	B.S. 1933, Wilson Teachers College	D.C.
†Hubbell, Marjorie J. (Col. 61)	D.C.	Hutchinson, Heloise Barr (Jun. 9)	D.C.
Huber, Albert (Univ.)	Utah	Hutchinson, Earl W. (Law III)	D.C.
Hudson, George Elbert (Jun. 28)	D.C.	B.S. 1916, University of Wisconsin	D.C.
†Hudson, Raymond Minor (Law III)	D.C.	†Hutson, Archie George (Univ.)	D.C.
Hudson, Schuyler Bemis (Eng. 91)	D.C.	†Hutson, John H., Jr. (Law II)	
Hudson, Thomas P. (Univ.)	D.C.	A.B. 1934, The George Washington University	Ind.
†Huff, Florence M. (Univ.)	Va.	Hutto, George M. (Col., A.M.; Med. III)	
Huff, James K., Jr. (Univ.)	Miss.	A.B. 1912, The George Washington University	D.C.
Huff, Neal Jay (Law II)	Iowa	Hutton, Alvin Campbell (Univ.)	Va.
Huffman, Yale Bryant, Jr. (Jun. 46)	Nebr.	Hutton, Harry Theodore (Law III)	
Hughes, Albert George (Jun. 32)	D.C.	B.S. 1930, The George Washington University	B.
Hughes, Carroll White (Col., A.M.)	Kans.	†Huxley, Margaret Carroll (Univ.)	Pa.
A.B. 1932, The George Washington University		†Huy, Alberta Johanna (Univ.)	Ten.
Hughes, Charles Randolph (Jun. 48)	D.C.	†Hyatt, Fern (L.S., Uncl.)	
†Hughes, Charles Wiley (Eng. 4)	D.C.	A.B. 1926, The George Washington University	D.C.
Hughes, Harriet Elizabeth (Jun. 31)	Md.	Hyatt, Louis (Jun. 33)	Kan.
Hughes, Jane (L.S. 94)	D.C.	†Hyatt, William S., Jr. (Law I)	D.C.
†Hughes, John P. (Univ.)	Minn.	Hyde, DeWitt Stephen (Law III)	Wyo.
†Hughes, Roy Ellis (Univ.)	D.C.	Hylton, Janyce Judith (Jun., Uncl.)	
Hulbert, Leila Lillian (Jun. 90)	Md.	Hylton, Percy Hiram (Jun. 41)	
†Hull, Barbara Ellen (Univ.)	D.C.	Hyson, Edward William (Med. III)	
Hull, Moody (Col., A.M.)	W.Va.	B.S. 1927, M.S. 1928, Gettysburg College	D.C.
A.B. 1931, The George Washington University		Hysong, Thomas Martin (Jun. 32)	
Humphrey, Frances Estella (Col. 66)	S.Dak.		
Humphrey, Frank Talbott (Univ.)	Va.		
†Hungerford, Harris Reeder (Univ.)	D.C.		
Hunt, Charles M. (Col., A.M.)	D.C.		
B.S. 1934, The George Washington University			
Hunt, Fred Drum (Jun. 96)	D.C.		
Hunt, James V. (Jun. 49.66)	Ariz.		
Hunt, Patricia Catherine (L.S., A.M.)	D.C.		
A.B. 1934, The George Washington University			
Hunt, Thelma (Med. IV)	Md.		
A.B. 1924, A.M. 1925, Ph.D. 1927, The George Washington University			
†Hunter, Amy Belle (Col. 87)	D.C.		
Hunter, Daniel Orren (Eng. 34)	D.C.		
Hunter, Donn (Univ.)	Mich.		
B.S. in C.E. 1921, University of Michigan			
Hunter, Edwin H. (Col., A.M.)	D.C.		
A.B. 1931, The George Washington University			
Hunter, Frank Rhodes (Eng. 53)	D.C.		
Hunter, Gilbert Thurston (Col. 75)	Va.		
†Hunter, Norman Crowell (Jun.)	N.C.		
Huntington, Camp Stanley (Col. 72)	D.C.		
Huntzberger, Lee I. (Law I)	D.C.		
Hurd, Willis Lee (Jun.)	D.C.		
Hursh, Francis Harold (Eng. 41)	D.C.		
Hushing, William Collins (Jun.)	Ill.		
Huse, James Porter (Col. 66)	D.C.		
Hussey, William Brink (Jun. 36)	D.C.		
Hust, Ray Alfred (Law I)	Utah		
Hutchinson, Forney (Law II)	Okla.		
A.B. 1911, University of Oklahoma			
†Hutchinson, Fred Arnold (Univ.)	Mass.		

I

Ibaner, José T. (Col. 62)	P.R.
Ichilian, Harold James (Jun. 60)	D.C.
Ickes, Rex Milligan (Jun.)	Minn.
†Iglehart, Donald Hunt (Law I)	D.C.
A.B. 1931, The George Washington University	
Ihle, Dora Mildred (Col. 88)	Va.
†Iliff, Bruce Corwin (Jun. 35)	D.C.
Iliff, John William (Law I)	Ill.
B.S. 1932, Northwestern University	
Imber, Oscar (Jun. 53)	D.C.
Infantino, Charles K. (Jun., Uncl.)	D.C.
Ing, Winifred Mary (L.S. 63)	Utah
Ipson, Donald Keller (Law I)	D.C.
Ireland, Katherine Roberta (Col. 80)	D.C.
Irey, Phillip S. (Jun. 45)	
Irion, Henry Gifford (Law III)	P.I.
A.B. 1932, Haverford College	D.C.
Irreverre, Filadelfo (Jun., Uncl.)	Mo.
Irvin, William Gordon (Jun.)	
Irving, George W., Jr. (Col., A.M.)	
B.S. 1933, The George Washington University	
Isbell, May D. (Jun. 40)	N.J.
Iskow, Solomon (Eng. 49)	Va.
Ives, Norman Vincent (Univ.)	Pa.
Iwanicki, Charles Paul (Col., A.M.)	D.C.
A.B. 1927, University of Pennsylvania	
B.S. 1930, Georgetown University	

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Jacke, Ada (Jun.)
Jackson, A. Gifford (Jun., Uncl.)
Jackson, Arthur (Univ.)
Jackson, Elizabeth Susie (Univ.)
Jackson, Lolera (Univ.)
Jackson, Marvin Watson (Univ.)
Jackson, Robert Austin (Eng. 57)
Jackson, Thomas S. (Law 111)
A.B. 1932, The George Washington University
Jacob, Camille (Jun. 24)
Jacobi, George King (Eng. 35)
Jacobi, John R. (Col., A.M.)
A.B. 1934, The George Washington University
Jacobs, Pearl Virgil (Jun. 53)
Jacobs, Ralph I. (Med. I)
Jacobs, William (Med. IV)
A.B. 1930, Rutgers University
Jacobson, Max. C. (Univ.)
Jacobson, Paul Dewar (Law I)
Jacobson, S. E. (Univ.)
Jacobson, Freda Sara (Jun.)
Jaeger, Dorothy Steidle (Jun. 32)
Jaffe, Daniel (Med. I)
James, Edwin Wilbur (Eng. 6)
James, J. Frank (Jun. 17)
James, Virginia H. (Univ.)
A.B. 1926, The George Washington University
James, Walter Ervin (Univ.)
Jamieson, Henry Louis (Jun. 85)
Jaques, Lola Herron (Col., A.M.)
B.E. 1931, University of California at Los Angeles
Jarboe, Louise (Jun. 68)
Jarman, B. Herman (Ed., Ed.D.)
B.S. 1928, State Teachers College, West Chester, Pa.
A.M. 1932, The George Washington University
Jarman, Carey (Law I)
A.B. 1917, St. John's College
Jarrett, Charles Scott (Jun.)
Jarrett, E. Lois (Univ.)
Jarrett, Neil Scott (Jun.)
Jarvis, Doris Elizabeth (Univ.)
Jarvis, George Young (Jun. 107)
Jasny, Tatyana (Jun.)
Jaster, Marion Charlotte (Jun.)
Jekko, Perry Joseph (Eng. 27)
Jefferies, Annie Keith (Law I)
A.B. 1934, Winthrop College
Jefferis, Tomas Carter (Col., A.M.)
B.S. 1932, University of Richmond
Jehle, Ruth Amanda (Univ.)
Jenkins, Betty (Univ.)
A.B. 1934, Goucher College
Jenkins, David S. (Eng. 107)
Jenkins, Felisa (Univ.)
B.S. 1932, University of Maryland
A.M. 1933, Mills College

	Jenkins, George Maurice (Jun., Uncl.)	Okl.
D.C.	Jenkins, Jean McCarell (Univ.)	Md.
Utah	Jenkins, Joe O. (Univ.)	D.C.
D.C.	Jenkins, Olive P. (Univ.)	Colo.
Va.	Jenkins, Tom O. (Univ.)	Idaho
D.C.	Jenkins, Warder Bryan (Univ.)	Fla.
D.C.	B.S. 1917, Ohio State University	
D.C.	Jenkins, W. Clayton (Univ.)	Utah
Md.	A.B. 1913, Brigham Young University	
D.C.	Jennings, Harry Edmond (Law II)	Ind.
	Ph.B. 1932, University of Wisconsin	
D.C.	Jennings, Lloyd Ernest (Jun.)	Ind.
Md.	Jennings, Mary Alice (Univ.)	
Va.	A.B. 1932, University of Wisconsin	
	Jennings, William Fustun (Law I)	Va.
	Graduate 1922, U.S. Naval Academy	
Fla.	Jernigan, William James, Jr. (Jun. 32)	Ark.
N.Y.	Jessup, Daniel A. (Col., A.M.)	Okl.
N.J.	A.B. 1910, The George Washington University	
Utah	Jessup, Gerald E. (Law I)	Okl.
Iowa	Jester, Irancell Marian (Univ.)	D.C.
Utah	Jewell, Ruth Cary (Law I)	D.C.
D.C.	A.B. 1932, Wellesley College	
D.C.	Jillson, Fred A. (Jun. 30)	N.Y.
N.Y.	Johannesen, George Thomas (Law III)	D.C.
D.C.	Johns, Llewellyn James (Law III)	Ohio
N.Y.	Graduate 1920, U.S. Naval Academy	
Md.	Johnson, Albert Sidney (Col. 99)	S.C.
	Johnson, Arlin Rex (Grad.)	Utah
	B.S. 1924, Brigham Young University	
Ala.	A.M. 1931, The George Washington University	
Ind.	Johnson, Augustus C., Jr. (Jun.)	Va.
Calif.	Johnson, Benjamin Bruton (Med. IV)	Ariz.
	B.S. 1931, Brigham Young University	
D.C.	Johnson, Carl Dalton (Eng. 86)	D.C.
D.C.	Johnson, Cornelia Jane (Univ.)	Tex.
	Johnson, Darrell Simmons (Jun. 84)	D.C.
	Johnson, Edwin O. (Law III)	Idaho
	A.B. 1932, University of Utah	
	Johnson, Emanuel R. (Jun. 3)	N.J.
D.C.	Johnson, Emera (Univ.)	Md.
	A.B. 1932, The George Washington University	
W.Va.	Johnson, Everett Royal (Law I)	S.Dak.
D.C.	B.S. 1934, Alaska Agricultural College and School of Mines	
D.C.	Johnson, Frances Ashlin (Col. 72)	D.C.
Md.	Johnson, Howard Lloyd (Jun. 52)	D.C.
Calif.	Johnson, Irma Lee (Jun. 30)	La.
D.C.	Johnson, L. D. (Jun. 30)	Okl.
D.C.	Johnson, Lewis R. (Jun. 103)	D.C.
S.C.	Johnson, Livingston Lee (Univ.)	D.C.
	B.S. in C.E. 1931, The George Washington University	
D.C.	Johnson, Madge M. (Ed. 121)	N.C.
Md.	Johnson, Mary Agnes (Law I)	Ill.
D.C.	Johnson, Milton Clyde (Jun.)	Ohio
	Johnson, Richard Gordon (Law I)	Ariz.
Colo.	Johnson, Robert Chester (Med I)	Pa.
D.C.	B.S. 1934, University of Pittsburgh	
	Johnson, Selmer L. (Jun. 70; Law I)	Wis.

- †Johnson, Suzanne Annette (Jun. 24)
 Johnson, William D. (Univ.)
 Johnson, William Mercier (Jun. 57)
 Johnson, William Roy (Law III)
 B.C.S. 1924, New York University
 Johnston, Alertha (Univ.)
 †Johnston, Loretta Cole (Univ.)
 Johnston, Madelene A. (Jun. 15)
 Johnston, Richard Leiter (Law II)
 B.S. 1920, Johns Hopkins University
 Johnston, Russel (Law I)
 A.B. 1927, University of Texas
 M.B.A. 1920, Harvard University
 Johnston, Thomas Henry, Jr. (Eng.)
 Joiner, Fred H. (Law I)
 †Joiner, Raymond Lindly (Jun. 4)
 Jones, Bertram B. (Eng.)
 †Jones, Carolyn Josephine (Univ.)
 Jones, Catherine Gump (L.S. 160)
 Jones, Chase B. (Grad.)
 A.B. 1922, Ripon College
 A.M. 1921, The George Washington University
 †Jones, Dorothy Craver (Ed. 50)
 Jones, Dorothy Marie (Jun. 44)
 Jones, Edgar M. (Jun.)
 Jones, Elizabeth Clementina (Univ.)
 †Jones, Ernest Peyton, Jr. (Law, LL.M.)
 A.B. 1927, LL.B. 1920, University of Mississippi
 Jones, F. Virginia (Jun. 57)
 †Jones, Freddie Odell (Jun. 20)
 Jones, Geraldine Stanley (Jun.)
 †Jones, Gladys Moon (Univ.)
 A.B. 1917, DePauw University
 LL.B. 1921, Northwestern University
 Jones, Goldie Mae (Jun.)
 †Jones, Hilda Mary (Jun. 18)
 †Jones, Hugh C. Hodge (Col. 70)
 Jones, Ira King (Eng. 37)
 Jones, Jack Albert (Jun. 77)
 Jones, Jesse Miller (Jun.)
 Jones, Joe Allen (Jun.)
 Jones, John Richardson (Law I)
 B.S. 1911, University of Minnesota
 †Jones, Juliette Burwell (Univ.)
 †Jones, Luther Robert (Univ.)
 †Jones, Maeverson Martin (Col. 64)
 Jones, Mary Luha (Col. 22, 31)
 †Jones, Ola Carawan (Ed. 70)
 Jones, Percy (Univ.)
 B.S. 1920, Harvard University
 Jones, Ralph Edmund, Jr. (Law II)
 Jones, Ross A. (Univ.)
 Jones, Sarah Ann (L.S., A.M.)
 A.B. 1931, The George Washington University
 Jones, Thomas Allen (Eng. 41)
 Jones, Wilber Glenn (Law III)
 Graduate 1922, U.S. Naval Academy
 M.S. 1920, Harvard University
 †Jones, Wilburn Harry, Jr. (Jun.)
 †Jongbloet, Margaret Nealon (Col. 95)
- Miss.
 Md.
 D.C.
 D.C.
 Ohio
 D.C.
 Mo.
 Md.
 D.C.
 Va.
 N.Y.
 N.Y.
 D.C.
 Okla.
 Va.
 D.C.
 Md.
 D.C.
 N.Y.
 Mo.
 Miss.
 D.C.
 D.C.
 Kans.
 D.C.
 Va.
 Mass.
 N.Y.
 D.C.
 Tex.
 Mo.
 Va.
 Wash.
 Va.
 Ga.
 Va.
 Kans.
 N.C.
 D.C.
 D.C.
 D.C.
 Ky.
 Utah
 Iowa
 Va.
 D.C.
- †Jonscher, Glen Elizabeth (Univ.)
 Jorav, Paul Armand (Univ.)
 Jordan, John Edward (Univ.)
 Jordan, K. Ross (Law I)
 †Jordan, William Parsons (Jun.)
 Jorgenson, Virginia Dagmar (Jun.)
 Jorolemon, Marie Roberta (Jun. 36)
 Josephson, Irving J. (Med. IV)
 A.B. 1930, University of Alabama
 Joss, Frederick Crawford (Govt. 90)
 Joyce, Clarence Gordon (Phar., Uncl.)
 Jovner, France Elizabeth (Jun. 59)
 †Jude, Frank C. (Univ.)
 Judson, Elbert Bell (Eng. 118)
 Juinger, Helen E. (Col., Uncl.)
 Jukes, H. J. Fielding (Law I)
 A.B. 1933, St. John's College
 †Julian, Laura Elizabeth (Col. 71)
 Julihn, Yvonne (Univ.)
 Junkin, Charles Edwards (Jun. 6)
 †Kassila, Lillian Irene (Univ.)
 †Juul, Imelda (Univ.)
- K**
- †Kaar, Virginia L. (Univ.)
 †Kadin, Marionbetty (Jun.)
 Kadushin, Herbert A. (Col. 79; Law I)
 Kagen, Ethel Wool (Ed. 76)
 *Kahler, Elizabeth (Col., A.M.)
 B.S. 1921, The George Washington University
 Kahn, Mazine Elizabeth (Col. 60)
 Kalb, Dorothy Buhrman (F.A., A.M.)
 A.B. 1916, The George Washington University
 Kalb, Ida A. (Col., A.M.)
 B.S. 1933, Syracuse University
 Kaldes, Peter (Law I)
 Kanský, Israel B. (Jun. 74)
 †Kane, Mary Kerwin (Univ.)
 Kanelopoulos, Arthur Peter (Jun. 59)
 †Kangas, John (Eng. 11)
 †Kangas, Pell (Univ.)
 †Kanof, Irving Lee (Jun. 9)
 Kantor, Joseph Louis (Law II)
 Kaplan, David (Law, Uncl.)
 A.M. 1933, University of Wisconsin
 Kaplan, Louis Charles (Law I; Univ.)
 A.B. 1934, Yale University
 †Kaplan, Sylvia (Jun. 72)
 †Karchem, Dorothy Elizabeth (Jun.)
 †Kardell, Jean Maryann (Ed. 83)
 †Karius, Margaret Hope (Univ.)
 Kassan, Robert Jack (Med. III)
 A.B. 1933, The George Washington University
 †Karkov, Lee (Univ.)
 Katzen, Bernard (Med. I)
 Kauffman, Julius (Jun. 32)
 Kauffman, Vernet Charles (Law III)
 B.S. 1928, Pennsylvania State College
 M.S. 1930, Massachusetts Institute of Technology

Students Registered

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Kaufman, Gertrude Mary (Jun 8)	N.Y.	†Kendall, James Nelson (Univ.)	D.C.
Kaufman, Joey (Jun 9)	N.Y.	Kennedy, David M. (Law III)	Utah
Kaufman, Joseph M. S. (Eng., Uncl.)	D.C.	Kennedy, Elmer B. (Col., A.M.)	D.C.
Kaufman, Salome (Law I)	N.J.	B.S. 1932, Alabama Polytechnic Institute	
A.B. 1933, University of Delaware		†Kennedy, Harry Francis, Jr. (Jun 24)	Va.
†Kemp, Alma R. (Jun 12)	Mass.	†Kennedy, Howard (Law III)	Nebr.
Kersch, Ernest Frank, Jr. (Jun 9)	S.Dak.	*Kennedy, John Wynn (Eng.)	Va.
†Kest, Louis Richard (Jun 11)	Pa.	Kennedy, Lynn Skillman (Eng. 24)	Md.
Kessler, Frank James (Jun 49)	Ill.	Kennedy, Marguerite Panchess (Col. 75)	D.C.
†Kay, A.C. (Jun 1)	D.C.	†Kennedy, Robert Lee (Univ.)	D.C.
Kay, Harry (Jun 5)	D.C.	†Kennedy, C. Robert (Law II)	Ind.
Kay, Max (Jun 97)	D.C.	A.B. 1934, The George Washington University	
Kearns, William (Jun 41)	D.C.	†Kenns, Virginia Ann (Univ.)	D.C.
Kearns, Mary Elizabeth (Col. 62)	D.C.	†Kensinger, John La Verne (Eng. 4)	Md.
Kearns, Vivian (Col., A.M.)	N.C.	†Kent, Edward Francis (Law I)	D.C.
A.B. 1928, University of North Carolina		A.B. 1934, University of Hawaii	
†Keithley, Hazel May (Jun 38)	Fla.	†Keough, Paul Hamilton (Law II)	D.C.
Kearney, Edward Maurice (Univ.)	Colo.	A.B. 1929, A.M. 1931, The George Washington University	
Kearney, George J. (Law II)	N.Y.	Kerby, John Hardy (Col. 90)	D.C.
†Kearney, Mary Dolores (Jun 1)	D.C.	Kerkam, John Freeman (Law II)	D.C.
Kearney, Stephen John (Univ.)	N.Y.	Kerkam, William Banon, Jr. (Law III)	D.C.
A.B. 1931, Georgetown University		B.S. 1932, Princeton University	
†Kegan, Harry Joseph (Eng. 33)	D.C.	†Kerman, William Saul (Jun 1)	D.C.
Keller, Clark Beane (Law I)	D.C.	†Kerner, George William, Jr. (Law I)	N.Mex.
Keller, Wayne L. (Jun 1)	D.C.	†Kern, Wells Browning (Jun 18)	D.C.
Kelman, Jeanette G. (Jun 15)	D.C.	†Kernkamp, Clarence Frederick (Univ.)	Md.
Kemp, Thomas Bradley (Univ.)	Calif.	Kerns, Josephine Adeline (Col. 80 33)	Ga.
Kerner, John R. (Law II)	D.C.	†Kerr, Andrew Judson (Eng.)	D.C.
Kessey, Truman Joseph (Govt., A.M.)	Pa.	Kerr, D. Bruce (Jun. 57)	D.C.
A.B. 1934, The George Washington University		Kerr, Evelyn Ruth (Col., A.M.)	D.C.
†Kefauver, George William, Jr. (Eng. 52)	Md.	A.B. 1933, The George Washington University	
†Kehoe, A. Beverley (Univ.)	Va.	Kerr, Frank Kenneth (Jun. 30)	D.C.
Kehoe, Elizabeth Agnes (Col. 81)	Pa.	Kerlake, Youart Herbert (Law I)	D.C.
Keil, Clara Steiner (Jun. 30)	Del.	B.S. 1933, Haverford College	
Keil, Sylvia Steiner (Jun. 26)	Del.	*Kesmodel, William Augustus (Col. 149)	D.C.
Kelm, Walter George (Univ.)	Pa.	†Kestred, Mildred (Univ.)	N.Y.
†Keller, Edith Reynolds (Ed. 100)	D.C.	A.B. 1934, The George Washington University	
Kelerson, Milton (Law I)	N.Y.	Ketcham, Betty (L.S. 92)	Mo.
B.S. 1933, Brooklyn College		Ketcham, Frank Gordon (Eng. 45)	Mich.
†Keller, Anne C. (Univ.)	D.C.	Ketchum, Miriam Blaisdale (Col., A.M.)	Ga.
†Keller, Genevieve A. (Jun. 56)	S.Dak.	A.B. 1933, The George Washington University	
Keller, Homer Lambert (Law II)	D.C.	Kettering, James (Col., A.M.)	Va.
Kelley, Christine (Jun 1)	D.C.	B.S. 1932, The George Washington University	
†Kelley, James Lewis (Jun 1)	Va.	Kayser, Charles Frank (Col., A.M.)	D.C.
Kelley, Thomas, J., Jr. (Jun.)	D.C.	A.B. 1931, The George Washington University	
†Kelly, Helen G. (Ed. 90)	N.Y.	†Keyser, Herbert Fred (Ed., A.M.)	N.H.
Kelly, John Lewis (Law II)	Md.	A.B. 1911, Colgate University	
Kelly, John Lytton (Jun. 56)	D.C.	*Keyt, William Ward (Law III)	Ohio
†Kelly, Margaret G. (Univ.)	D.C.	A.B. 1928, Ohio Wesleyan University	
Kelly, Ruth E. (Jun 27)	N.Y.	†Kibler, Godfrey L. (Ed., A.M.)	D.C.
Kelm, Ruth Mathilda (Univ.)	Minn.	A.B. 1933, The George Washington University	
†Kelso, Russell (Jun 9)	D.C.	Kiefer, Charles Frederick, Jr. (Jun. 43)	N.Y.
†Kelso, Dorothy Kathleen (Jun 30)	D.C.	Kiel, Helen Julia (Col. 87)	D.C.
Kelso, Mary Emmeline (Jun. 42)	D.C.	†Kiernan-Vasa, Helen C. (Ed. 115)	D.C.
Kelso, Richard Edward (Jun. 40)	D.C.		
Kelman, Helen Louise Barnes (Jun. 12)	D.C.		
†Kemp, Leo (Eng. 6)	D.C.		
†Kemp, Thomas Aubrey (Law I)	Md.		
A.B. 1934, Bucknell University			
Kemper, Edward Crawford (Jun. 27)	Md.		
Kempka, Henry R. (Jun. 9)	Ohio		

Kiernan, Paul Chapman (Med. II)	D.C.	Kline, Elizabeth S. (Univ.)	Mo.
Kiesel, Harold Milton (Jun. 39)	Ind.	Kline, John Marriott (Jun. 36.66)	D.C.
Kiehlhine, Emma (Law I)	Pa.	Kline, John Reed (Col., A.M.)	
Kilbourn, Dorothy Wilda (Ed., A.M.)	Kans.	B.S. 1917, University of Missouri	
A.B. 1911, The George Washington University		LL.B. 1926, The George Washington University	
Kilgour, Nina Kathryn (Col. 90)	D.C.	†Kline, Philip S. (Jun. 68)	Mo.
Kincaid, John F. (Col., A.M.)	Mo.	Kline, Walter Lee, Jr. (Med. IV)	Mo.
A.B. 1934, Central College		Klopstad, Alice Evelyn (Jun. 19)	Neb.
†King, Eleanor (Ed. 80)	N.Y.	Kloth, Gilbert Frank (Jun. 18)	Del.
†King, Eleanore Woodward (Col., A.M.)	Va.	Kluger, Blema Wanda (Jun. 46)	D.C.
A.B. 1930, The George Washington University		Kluger, Zelda Wise (Jun.)	D.C.
†King, Grace (Univ.)	W.Va.	Knapp, Frances Josephine (Jun.)	Pa.
A.B. 1925, West Virginia Wesleyan College		Knapp, Harrison (Jun. 57)	D.C.
King, Harvey W. (Eng. 114)	D.C.	Knapp, Ignatius M. (Col. 96)	D.C.
King, Herman Clinton (Law I)	Ind.	Knappen, Andrew MacFarlane (Govt. 38)	Cal.
A.B. 1910, Indiana University		Kneettle, Velma Electra (Jun. 104)	Va.
M.B.A. 1912, Harvard University		†Knee, Pauline (Univ.)	
King, Hughes Allison (Jun. 48)	Tex.	A.B. 1916, Elizabeth College	
King, Lorraine LeBon (Jun. 66)	D.C.	A.M. 1932, The George Washington University	N.Y.
†King, Martha Mason (Jun. 8)	Va.	Knight, Althea Jane (Jun., Uncl.)	Pa.
King, Robert Leonard (Law I)	Ala.	Knight, Charles Louis (Law I)	
†King, William Simonds (Ed. 94.5)	D.C.	B.S. 1925, M.S. 1926, University of Virginia	
Kingsbery, Lois May (Univ.)	Ill.	Ph.D. 1933, University of Pennsylvania	
†Kingsbury, Clifford Harkness (Eng. 74)	Mich.	Knight, Ernest Milton (Jun. 42)	Pa.
†Kingsolver, Elizabeth (Univ.)	Va.	Knight, Jesse H. (Law I)	Uncl.
Kinney, Charles Gordon (Law I)	N.Mex.	†Knight, Robert Harlan (Jun.)	
Kinnier, Henry Lee (Eng.)	Va.	Knight, Wayne H. (Law I)	
Kinsella, James F. (Jun. 38)	Pa.	A.B. 1933, University of Utah	D.C.
Kinser, Charles A. (Col. 106)	Okla.	Knight, William Elmer (Jun. 52)	Uncl.
†Kinsey, Louise Hamilton (Jun. 38)	D.C.	Knight, John A. (Med. III)	D.C.
Kiracofe, Warren C. (Jun. 51; Law I)	Va.	Knope, Frederick, Jr. (Eng. 90)	D.C.
†Kirby, David Thompson (Jun., Uncl.)	Md.	Knoop, Victor H. (Law I)	D.C.
Kirby, Marshall (Law I)	Calif.	Knott, Myrtle Posey (Univ.)	
A.B. 1930, Stanford University		A.B. 1931, A.M. 1933, The George Washington University	
Kirby-Smith, Hayden (Med. II)	Mexico	Knott, Phyllis King (Ed. 108)	D.C.
B.S. 1927, University of the South		†Knott, William Maury (Jun. 30)	D.C.
Kirk, Edwin Roger (Eng.)	D.C.	Knox, Richard Kingsley (Univ.)	D.C.
Kirkham, Ellis M. (Med. I)	D.C.	Kocher, Charles P. (Jun. 35)	Uncl.
A.B. 1931, The George Washington University		Koehler, Arvel Maxwell (Law I)	
†Kirkham, Rock M. (Col. 95.35)	Utah	Koester, Charles William (Law I)	
Kirkland, Ira Bird (Law I)	Ariz.	B.S. 1931, University of Nebraska	
†Kirkley, Alice E. (Jun.)	Tex.	M.B.A. 1933, Harvard University	N.Y.
†Kirkpatrick, Scott L., Jr. (Univ.)	Ark.	Kogan, Leo (Law II)	
Kirksey, Woodrow W. (Jun. 21)	Ga.	B.S. 1932, College of the City of New York	
Kissinger, Charles Clark (Med. I)	D.C.	†Kohn, Bernard (Jun. 32)	Pa.
Kitay, Ida Irene (Univ.)	N.Y.	Koiner, Verna Darr (Ed. 115)	D.C.
†Kite, Samuel E. (Univ.)	D.C.	Kolehmainen, Waino Mathias (Law III)	D.C.
Kittelle, Sumner Sigbee (Law II)	N.Y.	B.S. 1930, Union College	D.C.
B.S. 1911, Purdue University		Kolker, Sidney (Jun. 76)	D.C.
Klak, John J. (Law I)	Wis.	Kondrup, Anne L. (Univ.)	D.C.
B.S. 1921, University of Wisconsin		Kong, Benjamin Fui (Law II)	Wa.
Klavans, Elmer Lee (Jun. 21)	D.C.	Konold, Florence (Jun. 60)	Ind.
†Klaybar, John (Jun.)	Ind.	Koons, Anna Claire (Jun. 30)	D.C.
Klee, Dorothy V. (Univ.)	D.C.	†Koons, Virginia Elizabeth (Jun. 28)	N.Mex.
Klein, John W. (Col. 66)	N.Y.	Koontz, Joe L. (Jun. 6)	
†Klein, Joseph (Jun. 1)	N.Y.		
Klein, Norton Tully (Jun. 97)	N.J.		
Kleinkauf, Charles Edward (Law I)	Pa.		
Kleinman, Henry M. (Jun. 15)	N.Y.		

Students Registered

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Koren, Samuel (Law II)	Mass	LaBarr, Violettemae (Univ.)	N.C.
B.S. 1930, Massachusetts Institute of Technology		A.B. 1929, University of North Carolina	
Korman, Helen (Jun.)	D.C.	LeBonte, Charles Leo (Law I)	Mass.
Korth, Frederick Herman (Law III)	Tex.	LaCombe, Louise A. (Jun. 64)	Mich.
A.B. 1932, University of Texas		Ladd, Arnold Bontell (Univ.)	N.J.
Kosow, Herman J. (Jun. 26)	D.C.	Ladd, William Kelsey (Jun.)	N.Y.
Kostecki, Walter Andrew (Med. II)	Mass.	Lady, William Thurston (Med. I)	D.C.
B.S. 1933, Tufts College		LaFarge, Charles Arth (Law I)	Wash.
Koster, Jack L. (Law III)	Nebr.	A.B. 1929, Stanford University	
B.S. 1930, University of Nebraska		Lahr, Mary (Jun.)	Pa.
Kosters, Beulah Genevieve (Jun. 18)	D.C.	†Laidley, Alvin David (Univ.)	Va.
Kraft, Grace Lee (Univ.)	D.C.	A.B. 1929, Waynesburg College	Md.
Kraft, John Jacob (Eng.)	Va.	†Laird, Norman Woodward (Jun.)	Wash.
Kramer, Bessie (Jun.)	D.C.	Lake, Violet I. (Jun.)	Va.
Kramer, Katherine L. (Jun. 18)	D.C.	†Lamb, Gladys B. (Univ.)	Md.
Kramer, Sarah Louise (Jun. 30)	D.C.	Lamb, Marcia (Govt. 64)	Me.
Kresfeld, Florence (Jun. 30)	D.C.	Lamb, Philip Everett (Law I)	D.C.
Krider, Harrison Shirk (Univ.)	Pa.	Lamb, William E., Jr. (Jun. 51)	Utah
*Kriegel, Abraham Bernard (Law III)	D.C.	Lambert, Darwin S. (Jun.)	D.C.
B.Eng. 1929, Johns Hopkins University		†Lambert, Isabel Murray (Univ.)	Kans.
Krieger, D. Jeanne (Jun. 30)	D.C.	†Lambertson, Elise (Law II)	Iowa
Krimbill, Jack Bears (Law I)	D.C.	Lambertson, Wayne C. (Eng., Uncl.)	Va.
Krop, Stephen (Jun. 21)	Conn.	Lambeth, Robert B. (Jun., Uncl.)	D.C.
Krucoff, Morris (Jun. 32)	D.C.	†Lamborn, Charles (Jun. 6)	D.C.
Kruger, Gustav Otto (Jun. 40)	D.C.	†Lamme, Lucy Mae (Univ.)	Wash.
†Kruger, Lillian (Jun.)	D.C.	LaMontagne, Frances A. (Col. 90)	Tex.
Kruger, Morris (Govt. 61)	Va.	Lamson, Glenn Graham, Jr. (Govt. 60)	N.J.
Krynitzky, Zora Alexandravna (L.S. 91)	Md.	Landacre, Arthur S. (Law I)	
Ksiazek, Cecelia A. (Jun.)	Nebr.	A.B. 1929, Davis and Elkins College	
Kuck, Mary Comstock (Ed. 98)	N.Y.	†Landau, William A. (Eng. 33)	Colo.
Kuffner, Elizabeth Yahl (Med. II)	Ohio	Landman, Herbert (Jun.)	D.C.
Kuiniert, John H. (Med. IV)	Mich.	Landman, Herbert (Jun. 41)	D.C.
A.B. 1929, Kalamazoo College		Landweber, Louis (Col., A.M.)	N.Y.
†Kullback, Solomon (Univ.)	N.Y.	B.S. 1932, College of the City of New York	
B.S. 1927, College of the City of New York		Lane, Donald Edward (Law II)	Md.
A.M. 1929, Columbia University		B.S. 1931, Yale University	D.C.
Ph.D. 1934, The George Washington University		Lane, Edward J. H. (Eng. 36)	D.C.
†Kundahl, Paul Charles (Jun.)	D.C.	Lane, Franklin Matthew (Jun. 9)	N.H.
†Kunna, Frances Rita (Jun.)	D.C.	†Lane, Kenneth Stacy (Univ.)	
Kunna, Mary Elizabeth (Jun. 3)	D.C.	B.S. 1929, University of New Hampshire	
†Kunsak, Stephen W. (Jun.)	Pa.	Lane, Richard Earl (Govt. 87)	D.C.
Kunze, Helen Pearl (Law II; Col. 91)	Kans.	†Lane, Robert Phillips (Govt., A.M.)	D.C.
Kunze, Ruth Elizabeth (Jun.)	Kans.	B.S. 1932, Georgetown University	D.C.
Kunze, Margaret E. (Ed., A.M.)	D.C.	†Lange-McGill, Mable Catherine (Univ.)	D.C.
B.S. 1933, Wilson Teachers College		Langlois, George Roland (Jun. 24)	Idaho
†Kupka, Anna (Univ.)	Md.	Langmack, Carl John (Jun.)	D.C.
B.P.E. 1930, Ithaca College		Langmade, Stephen W. (Law II)	Ariz.
Kuppinger, Eldred D. (Law II)	Ohio	Langtry, Wilbur Wilson (Law I)	D.C.
A.B. 1933, Ohio State University		†Langton, Matthew DePaul (Law I)	D.C.
†Kurtz, H. James (Jun. 79)	D.C.	Lankford, John (Eng. 106)	Va.
Kurtz, Herbert George (Law I)	Pa.	Lannan, Lawrence Thomas (Jun. 55)	Minn.
A.B. 1930, The George Washington University		Lannan, Russell Vincent (Jun.)	Minn.
Kurz, Charles Godfrey (Eng. 30)	N.J.	Lapenta, Rocco George (Med. II)	Conn.
Kustoff, Abraham P. (Law I; Ed., A.M.)	N.Y.	B.S. 1933, Lafayette College	N.Y.
A.B. 1933, College of the City of New York		Lapiana, Joseph (Jun. 21)	D.C.
†Kyne, William B., Jr. (Eng.)	Wyo.	Lapish, Catherine (Univ.)	D.C.
		Lappen, Sylvan Harold (Law I)	D.C.
		LaPrade, Joe Paul (Jun. 3)	

Larcombe, Howard (Eng. 62)	D.C.	Lebowitz, Julius (Med. IV)	N.J.
Larkey, Irving Gilbert (Med. II)	N.J.	Lechlitter, Cleo Irvine (Law I)	N.J.
A.B. 1934, The George Washington University		A.B. 1932, University of Nebraska	
†Larkin, Murl A. (Jun.)	Okl.	Lecht, David (Col. 98)	D.C.
†Larkin, Natalie Norvell (Univ.)	Va.	Leckie, Jean McLellan (Ed. 104)	D.C.
LaRoche, Francis Hughlett (Jun. 32)	D.C.	Leckie, Madeleine Vaughan (Ed. 112)	D.C.
†Larrazolo, Mildred Tisdale (Jun. 22)	D.C.	Leecraw, John Eastman (Eng.)	Va.
Larribee, Jules Alphonse (Col., A.M.)	Mass.	Ledman, Hornbaker B. (Law III)	W.Va.
B.S. 1930, Massachusetts Institute of Technology		Lee, Donald E. (Law III)	D.C.
†Larsgaard, Clara Helen (Jun. 37)	N. Dak.	Lee, Esther Gain (Univ.)	Idaho
Larson, Golden Robert (Law II)	Utah	Lee, Francis (Jun. 48)	Ma.
Larson, R. Vernon (Med. IV)	Utah	Lee, Frank Miles (Law I)	D.C.
B.S. 1929, Utah State College		Lee, Hoburg Boteler (Eng. 66)	Ma.
Larson, Vanner Timothy (Ed., A.M.)	D.C.	Lee, John William (Law I)	D.C.
A.B. 1934, The George Washington University		B.S. 1930, University of Oklahoma	D.C.
†Lassell, Harvey Lee (Eng. 24)	Vt.	Lee, Joseph Fitzhugh (Univ.)	D.C.
Laszly, Annie Willis (Ed., A.M.)	D.C.	Lee, Laura Canfield (Univ.)	Idaho
A.B. 1933, The George Washington University		B.S. 1930, Columbia University	D.C.
Last, Joseph J. (Col. 89)	N.Y.	Lee, Robert Edward (Jun. 30)	Okl.
Latane, Lawrence Washington (Jun. 29)	Va.	Lee, Thomas Harold (Law I)	
†Latham, James Morris (Law I)	Miss.	Lee, You How (Med. II)	
Latham, William Thomas (Eng. 69)	D.C.	Leecraft, Donald Stowe (Law I)	
Lathrop, Robert Park (Jun. 30)	D.C.	A.B. 1934, Southeastern Teachers College, Oklahoma	W.Va.
†Latimer, Agnes Louise (Jun.)	S.C.	Leemans, Alphonse Emil (Jun. 42)	N.C.
Latimer, Cecil (Law III)	Fla.	Leeper, Mary Esther (Ed. 96)	Mo.
B.S. 1925, Georgia School of Technology		Leeper, Maurice (Univ.)	D.C.
†Latimer, Gene, Jr. (Jun. 27)	Tex.	B.S. 1932, Springfield State Teachers College, Missouri	Va.
Latimer, John Wilmer, Jr. (Jun. 29)	Md.	LeFever, Rose Lillian (Jun. 31)	Va.
Latona, Salvator J. (Phar. 79)	D.C.	Lefferts, Henry Howard (Jun., Und.)	D.C.
Laubinger, Ruth Clara (Jun. 21)	D.C.	Lefferts, Horace Leedon (Eng. 25)	Del.
†Lauck, Eleanor Moore (Univ.)	Va.	Leffler, William Franklin (Jun. 9)	
†Lauder, Dorothy Marie (Col., A.M.)	D.C.	LeGates, Eber Thomson (Univ.)	
A.B. 1934, The George Washington University		B.S. 1928, University of Delaware	
Lausche, Arnold M. (Jun.)	Va.	LL.B. 1932, The George Washington University	Va.
Lauterbach, Allen Adolph (Jun.)	D.C.	Lego, Evelyn W. (Col. 94)	Ill.
Lavalley, Mary G. (Jun. 6)	Mass.	Lehman, Howard W. (Law II)	D.C.
Lavinson, Sherman D. (Jun. 47)	N.J.	A.B. 1931, University of Illinois	Mich.
Law, Elizabeth (Ed., A.M.)	Utah	Lehman, Walter Sherwood (Eng. 109)	D.C.
B.S. 1922, Utah State Agricultural College		Lehnert, Phyllis (Jun. 12)	D.C.
Law, Melvin James (Law I)	Utah	Lei, Chung Sang (Col., A.M.)	D.C.
Lawler, B. Curry (Ed. 62.66)	Miss.	A.B. 1934, University of Dubuque	D.C.
Lawlor, Richard Damion (Law I)	N.J.	Leinbach, Henry James (Eng.)	N. Dak.
B.S. 1921, Tufts College		Leitch, Dallas Fenton (Jun.)	N. Dak.
Lawrence, Claude Thomas (L.S. 111)	D.C.	Leimke, Robert M. (Jun. 29-33)	D.C.
†Lawrie, Clementina N. (Jun. 57)	Oreg.	Lemke, William F. (Col. 101; Law II)	Mass.
Lawson, Frances Louise (Jun.)	D.C.	Leimon, Hallie (Univ.)	D.C.
Lazaroff, Louis (Jun.)	D.C.	Lenhoff, Charles David (Med. I)	N. Dak.
†Lazarus, Dorothy Elizabeth (Univ.)	D.C.	Lenihan, Mary E. (Col. 62)	Ark.
Leach, John Sabin (Law I)	N.C.	Lennahan, Charles M. (Col. 124, A.M.)	Ore.
A.B. 1930, Duke University		Leonard, Celina Roi (Jun. 111)	D.C.
Leane, Helen Drew (Jun. 14)	D.C.	†Leonard, Kathryn E. (Univ.)	
Leasure, William Carlton (Univ.)	Md.	Leonard, Robert Sterling (Col., A.M.)	
Leath, Harold W. (Univ.)	N. Mex.	A.B. 1930, The George Washington University	Conn.
A.B. 1922, Illinois Wesleyan University		A.M. 1931, Harvard University	
†Leavell, O. Madeline (Univ.)	Va.	Leopold, Max (Law II)	Md.
		Ph B. 1931, Yale University	Md.
		Lepper, Henry Albert, Jr. (Eng. 77)	
		Lepper, Mark Hummer (Jun.)	

Students Registered

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Lerch, Henry F. (Law II)	D.C.	Ligon, David Stovall (Law III)	Va.
A.B. 1932, Wesleyan University		A.B. 1932, The George Washington University	
Lerner, Abraham Max (Law II)	D.C.		S.C.
B.S. 1931, University of Pennsylvania		Illes, Edward Breeden (Law I)	
Lerner, Jacob I. (Jun., Uncl.)	Mass.	A.B. 1932, Wofford College	D.C.
Lerner, Jann Fannie (Univ.)	Nebr.	Illes, Donald Harold (Univ.)	
Lerner, Leon (Jun.)	N.Y.	A.B. 1934, The George Washington University	Pa.
Lester, Anne (Jun. 12)	Va.		
Letts, David S. (Law II)	Iowa	Lamber, Carl Raymond (Med. II)	D.C.
A.B. 1931, Parsons College		B.S. 1933, Thiel College	
Letvin, Lillian Rivela (Jun.)	D.C.	Lincoln, Evelyn N. (Law I)	D.C.
Levenson, Constance (Jun. 54)	N.J.	A.B. 1926, University of Nebraska	D.C.
Leventhal, Sydney (Med. I)	D.C.	Lincoln, Harold Wayne (Law I; Col. 68)	Md.
Lever, Roy (Jun.)	N.J.	Lincoln, Loraine E. (L.S. 90)	D.C.
Levin, Henry Max (Eng. 28)	D.C.	Lind, Almarinda Catherine (Univ.)	Wis.
Levin, Leon (Jun. 50)	D.C.	Lind, Harold Kingsley (Jun. 28)	N.Y.
Levin, Sam (Jun. 50)	D.C.	Lindsay, Elizabeth May (Jun. 35)	D.C.
Levin, Sara (Jun. 12)	D.C.	Lindsay, Frank Gold (Jun. 35)	Va.
Levine, Abraham Al (Med. III)	D.C.	Lindsay, Henry M. (Jun.)	D.C.
A.B. 1932, The George Washington University		Lindsay, Meta R. (Univ.)	N.Y.
Levine, Frank (Ed. 91)	D.C.	Linehan, Robert William (Jun.)	D.C.
Levine, Jack Louis (Med. I)	D.C.	Linger, Roland Augustus (Law I)	
Levine, Sydney Elbur, Jr. (Col. 92)	Pa.	B.S. 1934, University of Maryland	Pa.
Levitas, Frances (Univ.)	N.Y.	Lingerman, Herman Adam (Law I)	Iowa
Levitin, Benjamin (Law III)	D.C.	B.S. 1934, Haverford College	
Levy, Harold (Jun. 80)	D.C.	Link, Dennis C. (Col., A.M.)	
Levy, Harold Allen (Jun. 74)	D.C.	A.B. 1934, The George Washington University	Md.
Levinson, Paul (Univ.)	W.Va.		W.Va.
Lewis, Arthur Harry (Med. IV)	D.C.	Link, J. Harold (Eng. 69)	Pa.
A.B. 1931, Marshall College	D.C.	Link, Margaret Wyatt (Jun. 12)	Va.
Lewis, Dahlia Edna (Jun.)	D.C.	Link, Robert O. (Jun.)	D.C.
Lewis, Elizabeth Stanton (Univ.)	D.C.	Linnner, Julius Ross, Jr. (Jun. 21)	D.C.
A.B. 1927, The George Washington University		Linton, Calvin Darlington (Col. 90)	D.C.
Lewis, Herbert B. (Jun. 15)	D.C.	Linton, John H. (Govt. 50)	D.C.
Lewis, Hyman Leon (Col., A.M.)	D.C.	Linton, Theodore Moore (Jun. 32)	D.C.
A.B. 1933, The George Washington University		Linton, Ulla C. (Univ.)	D.C.
Lewis, James Histed (Govt. 98)	Pa.	Lippitt, Sister M. Eleonora (Med. II)	Va.
Lewis, Joseph (Jun.)	N.Y.	Lippitt, Harry Gilmore (Univ.)	
Lewis, Margaret Eva (Jun. 30)	D.C.	A.B. 1927, Western Maryland College	Md.
Lewis, Melvin Earl (Jun.)	D.C.	Lipscomb, Andrew Adgate (Jun. 51)	D.C.
Lewis, Muriel B. (Ed. 60)	N.J.	Lipscomb, William Robertson (Eng. 50)	D.C.
Lewis, Reeve, Jr. (Law III)	D.C.	Lipske, Marion Schil (Jun.)	D.C.
A.B. 1932, Yale University		Lipske, Marion Schil (Jun.)	D.C.
Lewis, Seth (Jun. 60)	D.C.	Latman, Bessie (Col., A.M.)	
Lewton, Rhoda (Univ.)	Md.	A.B. 1932, The George Washington University	D.C.
B.S. 1933, University of Maryland			D.C.
Libby, Miriam Rebecca (Jun. 12)	D.C.	Lievitz, Sylvia (Jun. 30)	D.C.
Libenson, Abraham (Jun. 28)	N.Y.	Little, Delbert M. (Univ.)	Pa.
Lichtenstein, Harold (Jun.)	N.Y.	Little, Hobart (Law I)	
Lidich, Uner (Grad.)	Md.	A.B. 1915, Hamilton College	Wash.
A.B. 1926, Central College		M.B.A. 1926, New York University	N.Mex.
Lidichon, DeVerne James (Jun., Uncl.)	Iowa	Little, Theodore H. (Law I)	
Lieber, Margaret A. (Law I)	D.C.	Little, Wendell E. (Law I)	D.C.
A.B. 1934, The George Washington University		A.B. 1932, University of Texas	
Lichman, Helen Janet (Col. 66)	D.C.	Littman, Louis (Univ.)	
Lighthouse, Charles Eastman (Col. 117)	Md.	B.S. 1934, University of Maryland	Mo.
Lighthouse, Philip Howell, Jr. (Univ.)	D.C.	Litzfelner, Joseph Robert (Law I)	Tenn.
		Livinston, Eleanor (Jun. 32)	D.C.
		Livinston, Lilhan V. (Jun. 88)	Tenn.
		Livinston, Mary Jane (Jun.)	D.C.
		Livinston, Selma Louise (Jun. 12)	P.R.
		Llober, Ramon Edwards (Jun.)	D.C.
		Lloyd, Bolivar Joseph (Jun. 27)	Pa.
		Lloyd, John H. (Jun. 79)	

Lloyd, Lewis Holmes (Jun. 15)	Wash.	Lovett, Tom S. (Law I)	At.
Lloyd, Madeleine Lynch (Col. 73)	D.C.	A.B. 1934, University of Arkansas	D.C.
Lloyd, Margaret Mabel (Law I)	Calif.	†Lovewell, June (Univ.)	D.C.
A.B. 1930, University of Southern California		†Loving, Lucas Powell, Jr. (Jun. 27)	D.C.
†Lloyd, Max George (Ed. 64)	Utah	†Low, Ethel K. (Ed., A.M.)	
Lloyd, Roger M. (Jun. 21)	D.C.	A.B. 1934, The George Washington University	D.C.
Lobingier, Evelyn Grace (L.S. 104)	Calif.	†Lowe, John William (Jun.)	N.J.
Lockhart, Bertha Mary (Jun. 33)	D.C.	†Lowe, Lawrence F. (Univ.)	
Lockwood, Corwin Reese (Law I)	Ohio	Lows, Robert Chapin (Law II)	
A.B. 1933, The George Washington University		A.B. 1934, The George Washington University	S.C.
Lockwood, Edward J. (Ed., A.M.)	D.C.	Lowe, William Alan (Law II)	Mass.
A.B. 1911, University of Vermont		Lowrey, Perrin Holmes (Law III)	B.
LL.B. 1917, Boston University		Loyd, DeWitt Clinton (Law I)	Calif.
Lockwood, Evelyn Julia (Jun. 42)	Ohio	†Loyd, Martha Carolyn (L.S. 100)	D.C.
Locraft, James William (Govt. 65)	D.C.	Luber, Harold E. (Eng., Uncl.)	
Loeb, Janice (Jun. 27)	D.C.	A.B. 1927, LL.B. 1928, The George Washington University	Va.
Loeffler, Eldridge (Jun. 45)	D.C.	†Lucas, Charles William (Jun.)	N.Y.
†Loeffler, Margaret Louise (Univ.)		†Lucas, Graham Joseph (Jun. 36)	Ind.
A.B. 1920, The George Washington University		Lucas, Margaret Louise (Law I)	Mass.
Loeffler, Orville Hugo (Col. 100)	Mass.	A.B. 1931, DePauw University	
Loftis, J. Wesley (Ed., Ed.D.)	Md.	Lucas, Martha Bob (Col., A.M.)	D.C.
A.B. 1924, Howard Payne College		A.B. 1933, Goucher College	
A.M. 1928, The George Washington University		Luckett, William Fleet (Med. II)	
Loftis, James Robert (Law I)	Utah	B.S. 1933, Franklin and Marshall College	D.C.
A.B. 1933, University of Utah		†Ludwig, Laura Emily (Jun. 69)	D.C.
Logan, Barbara Jacqueline (Med. I)	Mass.	Ludwig, Wilhelmina Sanner (L.S. 97)	D.C.
†Lohmann, Elsa (Univ.)	D.C.	Luera, Margaret Frances (Law III)	Ohio
A.B. 1927, A.M. 1930, The George Washington University		Luginbuhl, Kathryn Louise (Jun. 65)	D.C.
Lohnes, George Manford (Eng. 22)	D.C.	†Lukai, Marianna (Jun. 15)	Va.
†Lohr, Elva Gladding (Jun.)	D.C.	†Lutens, Francis Joseph (Univ.)	D.C.
†Lokes, Marian Clark (Law I)	Pa.	A.B. 1934, University of Pennsylvania	D.C.
B.S. in Ed. 1932, University of Pennsylvania		Lum, Betty (Jun. 57)	Ind.
B.S. in L.S. 1933, Drexel Institute		Lunch, Florence Rachael (Univ.)	
Lombino, Anthony C. (Jun. 30)	N.J.	*Lund, Earl Hildreth (Law III)	Ind.
Lombino, Charles Martin (Univ.)	N.J.	B.S. 1922, C.E. 1923, University of Minnesota	Va.
†Lomerson, William Walter (Jun., Uncl.)	N.J.	Lund, Richard Jensen (Govt. 84)	
†Long, Earl Leon (Jun.)	D.C.	†Lundh, Sverre Hakon (Law I)	Mass.
Long, Florence Adelaide (Jun. 51)	Va.	M.S. 1925, Norway's Institute of Technology	
Long, John A. (Jun. 44)	D.C.	Lundquist, Alfred G. (Col., A.M.)	Va.
Long, Leonora (L.S. 60)	Va.	B.S. 1932, Montana State College	D.C.
Long, Margaret Rhoades (Col. 64)	Md.	Lunsford, Hazel W. (Jun. 6)	D.C.
Lopopolo, Leonardo F. (Jun.)	N.Y.	†Luria, Gerald (Jun. 7)	D.C.
Lorenz, Eugene Hurdle (Law II)	D.C.	Luria, Joseph (Jun. 24)	N.J.
B.S. 1930, University of Pennsylvania		Lusby, Ralston Newell (Law I)	
†Loring, Albert Warner (Jun.)	D.C.	Lustbader, Philip Frederic (Med. III)	D.C.
†LoRusso, Virgil Alfred (Jun. 29)	Pa.	A.B. 1932, University of Wisconsin	N.Y.
Lothrop, M. Lydia (Law I)	Calif.	Luthy, William J. (Un., Uncl.)	
A.B. 1911, Radcliffe College		†Lutz, Edward Albert (Univ.)	Uncl.
A.M. 1910, Ph.D. 1926, University of California		B.S. 1931, Cornell University	N.Y.
Lough, Richard C. (Eng. 16)	N.Y.	Lybbert, Don DeFries (Jun.)	D.C.
Love, Howard Theodore (Jun. 43)	Colo.	†Lyke, Lawrence Francis (Eng. 2)	
Lovejoy, Rosemary J. (L.S. 80)	Ill.	Lyle, Firman Powell (Law III)	
†Loveless, Mildred Ward (Jun. 75)	D.C.	B.S. 1932, The George Washington University	D.C.
LeVetere, Angelo Arthur (Med. IV)	Mass.	†Lynch, Beulah (Jun.)	
B.S. 1931, Tufts College			

Students Registered

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Lynch, Mary Margaret (L.S., A.M.) A.B. 1934, The George Washington University	Va.	Maffeo, Pasquale Emil (Jun. 59)	N.J.
Lynn, Abe Arvin (Jun.)	D.C.	Magge, William George (Med. III)	D.C.
Lynn, Faye Charlotte (Univ.)	D.C.	Magill, Charles Herbert (Law I)	D.C.
Lynn, Wallace Parsons (F.A. 120)	D.C.	Magruder, John K. (Univ.)	Va.
Lyons, Rowland (Univ.) A.B. 1929, A.M. 1932, The George Washington University	Md.	A.B. 1931, University of Virginia	Va.
Lyons, Jake G. (Law I)	Okla.	Magruder, Marion Virginia (Ed., A.M.) A.B. 1921, Randolph-Macon Woman's College	Okla.
Lytle, M. Almira (Jun. 54)	Pa.	Magruder, William H. (Jun. 21)	D.C.
M			
Mabry, Scott Harvey (Law II) A.B. 1932, University of New Mexico	N.Mex.	Maguire, James Joseph (Univ.) B.S. 1929, Catholic University of America	Calif.
MacArthur, Leah Emily (Ed., A.M.) B.S. 1934, The George Washington University	D.C.	Maher, Edward Joseph (Med. IV) A.B. 1930, University of California	D.C.
MacCoy, Edgar M., Jr. (Col. 96)	Md.	Maher, Robert Woldruff (Jun. 31)	D.C.
MacDonald, Curtis Upton (Jun. 24)	Va.	Mahoney, Paul (Law III) A.B. 1929, A.M. 1929, Stanford University	D.C.
MacDonald, Fred (Law I) A.B. 1930, Arkansas College	Ark.	Mahoney, Ruth Katherine (Ed. 108)	D.C.
MacDonald, Guy Thornton (Jun. 81)	D.C.	Mahonev, John Richard (Eng.)	Va.
MacDonald, Jessie M. (Univ.)	R.I.	Maidlow, Charlotte F. (Jun. 64)	Ohio
MacDuff, Russell U. (Eng. 83)	Ind.	Mainfort, Robert Carlisle (Eng. 69)	Va.
Mace, Charles Hoyt (Jun.)	Ohio	Maitland, Clyde Alfred (Univ.)	D.C.
MacGill, Leon Herbert (Jun.)	Va.	Mauzels, Albert Donald (Med. I)	D.C.
MacGill, James Louis (Jun.)	D.C.	†Majors, Anna Elizabeth (Univ.) A.B. 1929, Western Kentucky State Teachers College	Ky
MacGill, Mary Rosina (Col., A.M.) A.B. 1932, The George Washington University	D.C.	A.M. 1932, University of Michigan	Wyo.
†Maciulla, Salvatore Vincent (Jun. 58)	D.C.	Makar, Raymond I. O. (Jun. 84)	Minn.
Mack, Frederick Fuller (Law III) M.E. 1929, Cornell University	D.C.	†Maki, Ellen Maria (Jun. 12)	W.Va.
Mack, Wilber Hadley (Law III) A.B. 1932, Dartmouth College	Mass.	Malamphy, Richard Henry (Jun. 103-5)	N.Y.
MacKenzie, Alan R. S. (Jun. 12)	Ohio	Mallett, Robert Bruce (Med. I)	D.C.
MacKethan, Edwin R., Jr. (Law III) B.S. 1928, University of North Carolina	N.C.	Mallos, Alexander (Univ.)	Kans.
MacKinnon, Gordon A. (Jun.)	Vt.	Malone, John Arthur (Law II)	D.C.
MacLennan, Nancy Henderson (Jun.)	Conn.	Maloney, Leo Joseph (Jun.)	D.C.
†MacLeod, Edwin Markham (Eng. 3)	Mich.	Maltz, Lillian Sandra (Jun., Ind.)	D.C.
†MacMahon, Jeannette Frances (Univ.) A.B. 1932, American University	N.J.	Manchester, Benjamin (Med. IV)	D.C.
MacMaugh, Frances E. (Jun. 89)	D.C.	Manchester, Kiva (Jun. 50)	D.C.
MacMillan, Paul Eugene (Jun.)	D.C.	†Mandelbaum, Lillian (Univ.) A.B. 1930, Hunter College	D.C.
MacMullan, Charles Francis (Law III) A.B. 1932, The George Washington University	Md.	Mandy, Arthur Jennings (Med. IV)	D.C.
MacNeil, F. Stearns (Col. 96)	Va.	†Mangan, Hyra Hatch (Ed. 93-33)	D.C.
†Macurdy, Lloyd Barker (Col., A.M.) A.B. 1929, College of Emporia	Kans.	†Mangawang, Valentin Rullan (Jun. 37)	Pa.
Madden, John Patrick Leo (Med. II)	D.C.	Mangione, A. Joseph (Med. IV)	D.C.
†Madden, Miriam (Jun.)	D.C.	†Manghun, Shirley (Jun.)	Utah
†Maddox, James Gray (Univ.) B.S. 1927, University of Arkansas	Wis.	Mangum, Max Knight (Law II) A.B. 1932, Brigham Young University	D.C.
†Madigan, John T. (Jun. 108)	N.Y.	†Mannon, Esther Ann (Univ.) A.B. 1928, A.M. 1932, The George Washington University	Okla.
†Machings, Lyle Rueburn (Univ.)	Ind.	Mann, Charles Wayne (Jun. 61)	Ill.
		†Mann, Harry H. (Univ.)	D.C.
		Mann, Harvey Wade (Jun. 99)	Ga.
		†Mann, Horace Dewey (Univ.)	D.C.
		†Manning, Marian (Univ.)	D.C.
		Manning, Martha (Ed. 78)	D.C.
		Manning, Wilkins R. (Med. I)	D.C.
		B.S. 1932, University of Arizona	N.Y.
		Manoff, Chester (Col. 64)	Md.
		Mansheld, Richard H. (Jun. 19)	Idaho
		Manwaring, H. Laurence (Univ.)	P.I.
		†Marapao, Simoon P. (Univ.)	D.C.
		Marascio, Carolyn Cecile (Jun. 18)	

- †Marburger, John H., Jr. (Jun. 46) D.C.
 †Marbur, Frederick Browning (Col. 105 1) D.C.
 †Marck, Esther Marie (Jun. 77) Md.
 †Maron-Knowles, John (Law I) Ill.
 †Maroux, Roger W. (Univ.) Me.
 †Maroun, Carlos Philip (Jun. 60) D.C.
 †Marquis, Robert Henry (Law II) Ill.
 A.B. 1931, American University
 Margolis, Sidney Irving (Law I) D.C.
 Margolis, Bernard (Law I) D.C.
 †Marion, John Alexander (Law II) S.C.
 A.B. 1914, University of South Carolina
 Mark, Albin Oscar (Col., A.M.) N.Dak.
 A.B. 1924, Macalester College
 †Mark, Benjamin Ralph (Col. 117) D.C.
 †Mark, Charlotte Doris (Univ.) D.C.
 Markfield, I. Nathaniel (Jun. 55) N.Y.
 †Marks, Doris (Univ.) D.C.
 Markwell, Katherine A. (Law III) Kans.
 A.B. 1928, University of Kansas
 Markwood, Katherine (Col. 87) D.C.
 †Masles, Jake Chaffin (Univ.) Ala.
 †Marlow, Janet (Univ.) Md.
 †Marlowe, Thelma Marguerette (Univ.) Okla.
 B.I. 1931, University of Missouri
 †Matton, Cyril Quentin (Law I) Colo.
 Graduate 1923, U.S. Military Academy
 †Marsh, Elva Luella (Univ.) Nebr.
 †Marshall, Beatrice Topliff (Jun. 39) D.C.
 †Marshall, Beverly (Jun. 15) D.C.
 †Marshall, Charles Edward Ambler (Univ.) D.C.
 A.B. 1929, University of Virginia
 †Marshall, F. Louise (Ed. 60) Mo.
 †Marshall, Edward M. (Law II) Ohio
 †Marshall, Fleeta Anne (Col. 102) Tex.
 †Marshall, Emma Blanche (Ed. 98) D.C.
 †Marshall, Garland Ross (Univ.) D.C.
 †Marshall, George H. (Jun. 27) Ga.
 †Marshall, Howard (Jun. 42) Mich.
 †Marshall, John (Univ.) D.C.
 †Marshall, John Edward, Jr. (Jun.) D.C.
 †Marshall, Nor Eckard (Jun. 22) Va.
 †Marshall, Tempa Jane (Jun.) Okla.
 †Marshall, Whitfield Huff (Law II) D.C.
 A.B. 1931, Duke University
 †Marshino, Ora Lee (Law I) Ky.
 A.B. 1925, A.M. 1932, The George Washington University
 †Matte, Gonzalo S. (Jun. 27) D.C.
 †Matten, C. Theodore (Univ.) Ark.
 †Martin, Elizabeth Hanna (Jun. 57) D.C.
 †Martin, Erika Mary (Univ.) D.C.
 †Martin, Eugene Maurice (Med. III) D.C.
 A.B. 1923, The George Washington University
 †Martin, George B. (Col. 111) Kans.
 LL.B. 1923, The George Washington University
 †Martin, Gladys Adele (Univ.) D.C.
 †Martin, James Carlin (Jun., Uncl.) Conn.
 †Martin, John Spence (Govt. 99) D.C.
 †Martin, Kathrine (Col. 90) D.C.
 †Martin, M. Lucile (Jun. 88) Ill.
 †Martin, Mary Douglass (Univ.) Ark.
 †Martin, Maryon Elloise (Jun. 12) D.C.
 †Martin, Miller Lee (Jun.) La.
 †Martin, Ovid Harold (Jun. 65) Ohi.
 †Martin, Philip, Jr. (Jun.) D.C.
 †Martin, Robert Fitz-Randolph (Grad.) Mass.
 B.S. 1923, Massachusetts Agricultural College
 †Martin, Robert J. (Jun. 106) Fla.
 †Martin, William C., Jr. (Law I; Col. 70) Fla.
 †Martinek, Joseph S. (Jun.) Ohio
 †Martinez, Ruth P. (Col., A.M.) Md.
 A.B. 1923, The George Washington University
 †Martinsky, Erwin Ernst (Law II) N.Y.
 †Marvel, Andrew, Jr. (Univ.) N.Y.
 †Marx, Fred Llewellyn (Law I) Va.
 Ph.B. 1930, University of Chicago
 †Masincup, W. Earl (Law III) D.C.
 A.B. 1932, American University
 †Masland, John W., Jr. (Col., A.M.) Pa.
 B.S. 1933, Haverford College
 †Mason, E. Wellford (Law III) Md.
 B.S. 1930, The George Washington University
 †Mason, J. Marshall (Jun. 32) N.Y.
 †Mason, John C. (Jun. 32) N.C.
 †Mason, John T., Jr. (Col. 112-5, A.M.) D.C.
 †Mason, Martin R. (Univ.) D.C.
 B.S. 1911, The George Washington University
 †Mason, Richard D. (Law III) D.C.
 A.B. 1929, B.S. 1931, E.E. 1932, University of Oklahoma
 †Mason, Robert French, Jr. (Col. 72) Md.
 †Mason, William Reading (Law III) D.C.
 †Massey, Dorothy Bates (L.S. 109) D.C.
 †Massey, Jerry Isabel (Jun.) Ohi.
 †Massingale, A. Jane (Jun.) Va.
 †Massoletti, Lillie (Ed. 116) D.C.
 †Masson, Helen Burd (Col., A.M.) D.C.
 A.B. 1929, The George Washington University
 †Mastellone, Aniello Francis (Med. IV) Va.
 B.S. 1931, Manhattan College
 †Masters, Julian J. (Law I) D.C.
 B.C.S. 1926, University of Maryland
 †Masters, Marcella C. (Jun.) Ark.
 †Mates, Joaquin T. (Univ.) Pa.
 †Mathews, George Newman, Jr. (Jun.) Tex.
 †Mathews, Hannah F. (Jun. 15) D.C.
 †Mathews, Louis (Univ.) N.Y.
 †Matosoff, Nathan (Eng., Uncl.) D.C.
 †Matson, Raymond Nathan (Eng., Uncl.) Cal.
 †Mattei, Eleanor E. (Univ.) D.C.
 A.B. 1933, University of California
 †Mattern, Stanley Grazer (Jun. 50) Ind.
 †Matteon, Frederick Lewis, Jr. (Univ.) D.C.
 B.S. 1925, Rose Polytechnic Institute
 LL.B. 1934, The George Washington University
 †Matthews, A. Marguerite (Jun. 67) Pa.
 †Matthews, Frank Chamberlain P. (Jun. 6) Pa.

Students Registered

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Maringly, Dorothy Olivia (Univ.)	N.Y.	McCollum, Donald C. (Med. IV)	Md.
Maringly, William Fenwick (Jun.)	D.C.	A.B. 1920, Johns Hopkins University	
Martoon, Catherine Van Liew (Univ.)	Md.	McCollum, Frank Leslie (Col. 113.5)	Me.
Martoz, Robert G. (Med. I)	S.Dak.	McConnell, Alma Ratchiff (Jun. 27)	D.C.
A.B. 1934, University of South Dakota		McConnell, William S. (Jun. 29)	Ind.
Maxon, Mary (Jun. 24)	D.C.	McCoy, Charles Thomas (Jun. 27)	Ind.
Maxwell, Laurel H. (Col. 106)	Mich.	McCoy, C. Wade (Jun. Uncl.)	Kans.
Maxwell, Margaret Jane (Med. I)	D.C.	McCoy, Harry Stanbery (Univ.)	Idaho
May, Angelo Mayer (Med. II)	Calif.	†McCoy, Marsh Turner (Univ.)	Tenn.
A.B. 1933, Stanford University		†McCoy, Ralph R. (Univ.)	Ind.
May, Carroll H., Jr. (Eng. 62)	Va.	McCracken, Florence Lillian (Col. A.M.)	D.C.
A.B. 1933, University of Alabama	S.C.	Ph.B. 1922, University of Chicago	
May, Dorothy Eleanor (Univ.)	Md.	McCrea, Eleanor Kathryn (Col. 92)	Ind.
May, Francis William (Jun.)	Md.	McCroskey, Mary Maulding (Jun.)	Ark.
May, William P. (Med. IV)	D.C.	McCuen, Audrey Lee (Jun.)	D.C.
A.B. 1932, The George Washington University		McCollough, Annabelle (Ed., A.M.)	D.C.
Mayers, Harry Ripley (Law III)	Me.	B.S. 1934, The George Washington University	
B.S. 1930, University of Maine		McCullough, Beatrice F. (Jun. 12)	D.C.
Maynard, Marion Hart (Jun.)	D.C.	McCullough, Francis Milner (Col. 193)	Ga.
Mayo, Ann Elizabeth (Jun.)	D.C.	McCullough, Hugh (Jun.)	N.J.
Mayo, Margaret Churchill (Ed. 111)	D.C.	†McCurdy, Charles Post, Jr. (Col. A.M.)	D.C.
Mazo, Sylvan Louis (Jun. 22)	D.C.	B.S. 1933, College of William and Mary	
Mazzoli, Maurice Vaile (Eng.)	Pa.		
McAdams, Hennen Alfred (Jun. 12)	Kv.	†McDaniel, Walter Thad (Jun.)	D.C.
McAdams, Eugene Pope (Jun.)	Md.	McDermott, Peter A. (Law I)	Idaho
McAdams, Tetry Joseph (Eng. 28)	Colo.	McDonnell, Henry Edward (Law I)	Idaho
McAndrews, Charles R. (Univ.)	D.C.	A.B. 1927, University of Utah	Ind.
McArthur, Mary Shelton (L.S., Uncl.)	N.C.	McDorman, Charles, Jr. (Law I)	D.C.
A.B. 1926, East Carolina Teachers College		McDougle, Leonidas Irving, Jr. (Col. 96)	D.C.
McBurney, Mary Marshall (Univ.; Col. 90)	Md.	McDowell, Charles Jacob (Univ.)	Wis.
McCain, Asa M. (Jun. 82)	Ark.	A.B. 1927, A.M. 1929, American University	
McCain, James Gordon (Law III)	D.C.	†McEldowney, Samuel G. (Law I)	W.Va.
A.B. 1933, The George Washington University		McElroy, Sarah F. (Col. 99)	D.C.
McCall, John D. (Eng. 29)	Mont.	†McElwre, Mary Ellen (Jun.)	Va.
McCann, Thomas Lee (Law II)	D.C.	McEubden, Zoe C. (Col. 82)	Ind.
Graduate 1921, U.S. Naval Academy		McFarland, Bernard E. (Eng., Uncl.)	Neb.
McCarter, Kenneth C. (Univ.)	D.C.	McFarland, Cole (Jun. 28)	D.C.
B.S. 1926, California Institute of Technology		†McFarland, M. Carter (Univ.)	D.C.
McCarthy, Charles Justin (Jun. 22.66)	Oreg.	Ph.B. 1933, Spring Hill College	
McCarthy, Emmett Joseph (Col. 82)	Mont.	McFerren, Carl Davis (Univ.)	Ohio
McCarthy, Francis James, Jr. (Col. A.M.)	Oreg.	†McGarity, Howard Carson (Univ.)	Ga.
B.S. 1926, University of Pennsylvania		†McGee, Edward Joseph (Jun. 34)	N.Y.
McCauley, William J. (Univ.)	D.C.	McGee, John David (Jun.)	D.C.
McCay, George (Law III)	S.C.	McGee, Kenneth C. (Univ.)	Mo.
B.S. 1932, College of Charleston		B.S. 1932, Washington University	
McClaren, Wilfred S. (Univ.)	Ark.	McGehee, Josephine Catherine (Law I)	Ind.
McClellan, Delmar Woodrow (Jun. 6)	Ind.	A.B. 1930, DePauw University	
McClellan, Sidney (Law, LL.M.)	Idaho	†McGibbons, Cecil C. (Jun. 29)	D.C.
A.B. 1927, University of Idaho		†McGill, Thomas Joseph (Jun.)	Wis.
LL.B. 1934, The George Washington University		McGinley, Jean M. (Ed., A.M.)	Mo.
McClouky, Louise Cecelia (Jun. 8)	D.C.	B.S. 1933, University of Missouri	
McCloud, Walter D. (Law II)	Ohio	McGlatheay, James Rawls (Jun.)	Md.
B.S. 1928, Ohio State University		†McGlatheay, Samuel Earl, Jr. (Univ.)	Md.
McClure, Harlan Ewart (Jun. 28)	D.C.	B.S. 1933, University of Maryland	
McCollum, Andrew J. (Jun., Uncl.)	Pa.	McGough, Thomas Francis (Med. I)	Pa.
		†McGowan, Elizabeth Hart (Col. 106)	D.C.
		McGrann, Sara Blanche (Jun., Uncl.)	D.C.
		†McGraw, Thomas G., Jr. (Univ.)	D.C.
		McGregor, Jean Col. (A.M.)	D.C.
		A.B. 1932, The George Washington University	

McGregor, Malcolm Parker (Law II)	La.	McMullen, Barbara W. (Jun.)	D.C.
A.B. 1932, The George Washington University		McMurray, Margaret Ida (Col. 93)	D.C.
McGroarty, N. Paul (Jun.)	Pa.	McNallan, Wilbur Thomas (Eng. 90)	D.C.
McGuire, Bernice Katherine (Univ.)	Mass.	McNamara, Alexander (Jun.)	N.Y.
B.F. 1932, Clark University		McNamara, John Francis, Jr. (Med. II)	D.C.
McGuire, Ollie Roscoe (Law I)	Va.	McNamara, John William (Jun.)	MA.
McGuire, W. Vincent (Univ.)	N.Y.	McNary, Katherine Ruth (Jun. 57)	Va.
McHugh, James Morris (B.A. 97)	Va.	McNeill, Irvine Seymour, Jr. (Jun.)	D.C.
McHugh, Martin (Jun.)	D.C.	McNeill, Mildred O. (Ed. 88)	D.C.
McInerney, Francis Xavier (Law III)	Wyo.	McNitt, Arnold (Grad.)	
Graduate 1928, U.S. Naval Academy		B.S. 1925, M.D. 1925, A.M. 1928,	
McInerney, Margaret Somerville (Univ.)	D.C.	The George Washington University	D.C.
A.B. 1928, Swarthmore College		McNutt, Agnes Louise (Med. III)	
McIntire, Mary Lynn (Univ.)	Md.	A.B. 1933, The George Washington University	La.
McIntosh, Charles Stuart (Law I)	D.C.	McPhearson, Terry M. (Jun. 85)	MA.
McIntosh, Edgar Caldwell (Jun.)	Miss.	McPheeters, Dorothy Claire (Jun.)	D.C.
McIntosh, John Luther, Jr. (Law)	Mass.	McPherson, David Caswell (Law III)	D.C.
McIntyre, Earl Ames (Law II)	Va.	McPike, Gene Williams (Univ.)	D.C.
Graduate 1919, U.S. Naval Academy		McQuarrie, Harlow Brooks (Univ.)	
McIntyre, Logan Kennedy (Univ.)	D.C.	B.S. 1933, Utah State Agricultural College	Univ.
McIntyre, Robert V. (Col. 117-13, A.M.)	D.C.	McQuarrie, Irwin Bruce (Med. IV)	D.C.
McKay, Arthur Gray (Col. 75-33)	D.C.	McQuary, Flournoy (Jun. 58)	Wash.
McKean, Edgar Walter (Jun. 42)	D.C.	McQuesten, Roseanna (Law I)	
McKee, Craig (Law I)	Iowa	A.B. 1928, Stanford University	D.C.
A.B. 1924, The George Washington University		McQuillan, Clare Alyce (Jun.)	Ta.
McKee, Theodore Roosevelt (Eng. 53)	D.C.	McRae, David Ezzell (Jun. 48)	
McKeever, James Jerome (Univ.)	Pa.	LL.B. 1924, LL.M. 1926, The George Washington University	D.C.
Ph.G. 1922, Duquesne University		McReynolds, Charles Howard (Univ.)	
McKeever, Thomas Vincent (Univ.)	Pa.	Ph.B. 1910, J.D. 1921, University of Chicago	D.C.
Ph.G. 1922, Duquesne University		A.M. 1933, University of Michigan	D.C.
McKenzie, Pauline Theresa (Jun.)	D.C.	McReynolds, John Isom (Jun. 15)	D.C.
McKenney, Leslie (Jun. 30)	Va.	McReynolds, William E., Jr. (Col. 70)	SC.
McKenzie, Lawson Morell (Col., A.M.)	Ind.	McSwain, Janie (Col. 86)	D.C.
B.S. 1924, The George Washington University		McWhirt, Grace Hazel (Jun.)	D.C.
McKeon, Ethel Bertha (Jun. 54)	D.C.	Meadows, Alba Geraci (Jun. 50)	Ta.
McKibben, John Henry (Jun.)	Okla.	McWhirt, Everett Addison (Eng. Und.)	
McKinney, Frances H. (Jun.)	D.C.	A.B. 1931, Baylor University	D.C.
McKinney, John Reid (Law II)	D.C.	Meads, John Herbert (Eng. 98)	Univ.
Graduate 1925, U.S. Naval Academy		Meacham, Allan Elison (Law I)	D.C.
McKinney, Leonard L. (Col., A.M.)	Okla.	Medt, Helen Victoria (Univ.)	D.C.
B.S. 1931, University of Arkansas		A.B. 1922, University of California	D.C.
McKisly, Nora Hay (Univ.)	D.C.	Mehler, George Edward (Jun. 32)	
McKissey, Raymond G. (Jun. 67)	Md.	Meier, Albin (Univ.)	D.C.
McKnight, Kenneth Alan (Jun.)	D.C.	B.S. 1921, Miami University	D.C.
McKnight, Merwyn Newell (Eng. 66)	Va.	Meier, Sister Hilda Mary (Med. I)	MA.
McKnight, Olin L. (Univ.)	Va.	Meiring, Mary Ellen (Jun. 58)	D.C.
McLachlen, Anna Helene (Law II)	Md.	Meirs, Lois Howell (Ed. 106)	Va.
McLendon, Cecil Harold (F.A. 99)	D.C.	Meirs, William G. (Univ.)	
McLendon, Larry L., Jr. (Law I)	N.C.	Melchior, Eleanor Bradford (Ed., A.M.)	
A.B. 1924, American University		A.B. 1924, The George Washington University	
McLeod, Fenwick Rodney (Jun.)	Va.	Mellott, Arthur McClellan (Jun. Und.)	
McMahon, Mary Margaret (Jun.)	Ill.	Mellott, Florence Hiatt (Univ.)	D.C.
M. Manes, Keimare Marlow (Law I)	D.C.	Melpolder, Frank Wicks (Jun. 32)	D.C.
Graduate 1922, U.S. Naval Academy		Melpolder, Thomas Marshall (Col. 90)	N.Y.
McMillan, Frances Louise (Jun. 4)	Md.	Melpolder, Janet Wile (Univ.)	D.C.
McMillan, Caroline May (Jun. 60)	D.C.	A.B. 1932, University of Rochester	D.C.
McMillan, Robert Nelson (III) (Jun. 60)	D.C.	Mendel, Charles Louis (Med. I)	
McMurry, George Lewis (Jun. 14)	D.C.	Menefee, Betty Louise (Jun. 81)	
McMullen, Agnes Marie (Law I)	Pa.		
A.B. 1935, Susquehanna University			

Students Registered

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Menke, Blaine H. (Med. II) A.B. 1932, The George Washington University	Nev.	†Middleton, Frederic Andrew (Univ.) A.B. 1928, University of Maryland	D.C.
Menkov, Rebecca (Jun.)	D.C.	Middleton, Helen Clark (Col., A.M.)	Va.
Mennen, Frank Owen (Law II) A.B. 1933, The George Washington University	Ind.	A.B. 1934, The George Washington University	
Menish, Ivan Norman (Jun. 20)	D.C.	Middleton, John Howard (Law I) B.S. 1932, University of Utah	Utah
Menish, Maurice (Jun. 52)	D.C.	Miguel, Gertrude (Jun.)	D.C.
Mesner, Alfred Albert (Col., A.M.) A.B. 1931, The George Washington University	D.C.	Miles, Kanako (Law I)	Hawaii
Meredian, Bertha (Ed., A.M.) A.B. 1931, The George Washington University	Ill.	Mike, Elizabeth Helen (Jun.)	N.J.
Meredith, Trenton (Law I) B.S. 1934, The George Washington University	Kv.	Milaszewski, Charles John (Eng. 46)	Mass.
Merram, Adele Stuart (Col. 90)	Md.	Milano, Thomas Julius (Col., Uncl.)	N.I.
Merram, Anne W. (Col. 95)	Md.	Milano, Calvin Harley (Law II)	Md.
Merram, Pink Wilson (Col. 66)	Md.	Milano, Everett D. (Col. 26)	D.C.
Mero, Sara Talbert (Univ.)	D.C.	†Milburn, Elmer Hope (Univ.)	Md.
Merrick, Richard Lawrence (Univ.) LL.B. 1914, Georgetown University	D.C.	B.S. 1933, Wilson Teachers College	Md.
Merrill, Alwyn Lowe (Univ.)	D.C.	Milburn, Genevieve Herbert (Jun. 54)	Va.
Merrill, Charles M. (Col., A.M.) B.S. 1928, University of Maryland	D.C.	Milby, F. Melville, II (Jun. 9)	D.C.
Merrill, LaVaun S. (Jun. 18 06)	D.C.	†Miles, Chester Elsworth (Univ.)	D.C.
Merriman, Clyde Earl (Law I)	D.C.	†Miles, E. Paul (Univ.)	D.C.
Merritt, Fannie Fern (Jun. 76)	D.C.	†Miles, Franklin Terrance (Univ.)	D.C.
Merriman, Helen Nina (Col. 62)	D.C.	†Miles, Katherine Lee (Jun.)	D.C.
Merriman, Philip Ivan (Eng. 62)	Va.	Miles, Salmas Spencer (Jun.)	D.C.
Mesrobian, John J. (Univ.)	Ark.	Miles, Wyatt Walker (Med. III)	Utah
Messing, Allen M. (Jun. 10)	Pa.	A.B. 1935, University of Utah	D.C.
Mess, Michael Aloysius (Eng.)	Va.	Milice, Teresa Elizabeth (Jun.)	Md.
Mess, Walter Lancelate (Jun.)	Va.	Milard, August Rom (Univ.)	Md.
Messinger, William Josef (Med. III) A.B. 1933, A.M. 1934, University of Rochester	N.Y.	†Millard, Ray Edward (Jun. 35)	Conn.
Messner, Howard George (Univ.)	Ohio	Millen, Samuel Robert (Med. I) A.B. 1934, The George Washington University	D.C.
Messner, Frances Lillian (Jun. 12)	D.C.	Miller, Blanche (Jun. 27)	Ga.
Metcalf, Clyde Hill (Col., A.M.) A.B. 1911, University of Arkansas	D.C.	†Miller, Carolyn Morton (Univ.)	Va.
Metcalf, Julia Deane (Jun. 27)	D.C.	Miller, Cearcy Dillon (Eng. 100)	D.C.
Metz, Howard Karl (Col., A.M.) A.B. 1930, University of Minnesota	Minn.	Miller, Charles Lindbergh (Univ.)	Va.
Messlaw, Arthur Conklin, Jr. (Jun.)	D.C.	Miller, Charles Wayne (Jun. 30)	Pa.
Meyer, Adolphie Gadol (Col. 73)	D.C.	Miller, David A. (Jun. 28)	D.C.
Meyers, C. Belle (Univ.)	Md.	Miller, Davidson Church (Law I)	D.C.
Michael, James Roy (Eng., Uncl.) Dipl. Eng. 1924, Technical University at Munich, Germany	W.Va.	Miller, Dorris (Jun.)	D.C.
Michalowski, Joseph Casimir (Eng.) A.B. 1932, Hunter College	D.C.	Miller, Edward Andrew (Univ.)	Okla.
Michelson, Irving (Jun. 67)	N.Y.	Miller, Ellen I. (Eng.)	D.C.
Michelson, Norma E. (Col., A.M.) A.B. 1932, Hunter College	N.Y.	Miller, Eleanor Elizabeth (Univ.) A.B. 1933, Groves College	D.C.
Mickey, Robert Lane (Univ.)	W.Va.	Miller, Elizabeth Rebecca (Col., A.M.) A.B. 1933, The George Washington University	D.C.
Micotte, Nellie A. (Univ.)	D.C.	Miller, Ernest Yates (Jun. 32)	D.C.
Middlemas, Elizabeth (Ed., A.M.) A.B. 1934, The George Washington University	D.C.	Miller, Frances Daphne (Univ.)	D.C.
		Miller, Gail Forrester (Grad.)	D.C.
		A.B. 1933, A.M. 1934, University of Illinois	
		†Miller, Harry Lloyd (Col., A.M.) A.B. 1931, University of Montana	Mont.
		Miller, Jack I. (Law I)	Calif.
		†Miller, Joseph Herbert (Jun.)	D.C.
		Miller, Kenneth Keith (Law II) A.B. 1934, The George Washington University	Mich.
		Miller, Margaret A. (Jun.)	Va.
		†Miller, Margaret Sault (F.A., Uncl.)	Va.
		Miller, Marion Armond (Univ.)	D.C.
		Miller, Marcena (Univ.)	Ga.
		Miller, Mary Ruth (Jun. 29)	Kans.

Miller, Olga Eunice (Univ.)	D.C.	Mitchell, S. Robert (Univ.)	Pa.
Miller, Pearl Mae (Col. 62)	D.C.	Mitchell, Virginia Rodier (L.S. 102.5)	D.C.
Miller, Rachel Moore (Jun. 48)	Miss.	† Mitchell, William Goddard (Law I)	D.C.
Miller, Raymond (Jun. 85)	Conn.	C.C. 1933, Cornell University	D.C.
Miller, Rudolph Mark (Law I)	Utah	Mitchell, William W. (Law I)	N.Y.
Miller, Stanley W. P. (Law III)	N.Mex.	B.S. 1928, University of Idaho	
A.B. 1924, University of New Mexico		Mittelman, Albert (Law I)	
Miller, Stuart Coulter (Law I)	Okla.	B.S.S. 1934, College of the City of New York	D.C.
B.S. in Eng. 1931, University of Oklahoma		Mitton, Philip (Col., A.M.)	
Miller, Wilmer Wilson (Jun.)	Ky.	B.Ch.E. 1934, Catholic University of America	Ma.
† Millett, Bette Steed (Jun. 9)	D.C.	Moats, Paul L. (Eng. 90)	D.C.
† Millett, Nancy Sherrill (Univ.)	D.C.	Moberlev, Paul Benton (Univ.)	D.C.
A.B. 1902, Lebanon College		† Mos, Alfred Brox (Jun.)	D.C.
Miliken, Julia Waters (Univ.)	Md.	Moerman, Nathan Arthur (Eng. 15)	Ind.
† Milten, Kenneth A. (Col. 106)	Me.	Moffett, Helen Elizabeth (Col. 96)	D.C.
Mills, Ben D. (Jun. 37)	Okla.	† Moffett, Richard Paul (Med. I)	N.H.
† Mills, Carl W. (Jun. 54)	D.C.	Mohagen, Edna Alice (Jun. 53)	N.H.
† Mills, Edith S. (Ed., A.M.)	Calif.	Mohagen, Myrtle (Ed. 85)	N.H.
A.B. 1931, Teachers College, San Jose, Calif.		Mohagen, Verna Clarice (Govt., A.M.)	N.H.
Mills, Virginia Wall (Jun. 42)	D.C.	A.B. 1934, The George Washington University	
Millward, Edna Bowden (Jun.)	D.C.	Mohan, John F. (Med. II)	Pa.
† Milner, Duncan Chambers (Univ.)	Ill.	† Mohun, Barry, Jr. (Jun. 12)	D.C.
Milner, William Stanley (Jun., Uncl.)	Utah	† Moir, Mary Connolly (Univ.)	D.C.
† Milstead, Harold Ashton (Jun.)	Md.	A.B. 1913, Trinity College	D.C.
Mims, David Hall (Jun. 22)	Va.	† Molster, Jean Lawson (Ed. 109)	D.C.
Mincosky, A. Burton (Jun.)	D.C.	Molyneaux, John William (Jun. 39)	D.C.
† Minkoff, Joseph Hyman (Jun. 54)	D.C.	Monahan, William Francis (Med. II)	
† Minnihan, Frank Arthur (Jun.)	Iowa	B.S. 1913, Catholic University of America	Pa.
Minnis, Alfred (F.A. 119)	D.C.	Moncure, Robert Clarke (Col. 104)	Wyo.
Minor, Aubrey Taylor (Col. 72, Law I)	Ind.	Mondell, George Parker (Law I)	D.C.
Minor, Francis Ward (Col. 97)	Iowa	A.B. 1933, Dartmouth College	D.C.
Minor, Harold Lee (Jun.)	Iowa	† Mong, Clair Burkett (Law III)	N.Y.
† Minshall, Susan Fumaline (Col., A.M.)	S.C.	Monma, Felix Phillip (Eng.)	D.C.
A.B. 1911, Converse College		† Monis, Frances (Jun. 72)	Pa.
Mintz, Malcolm Irving (Jun.)	D.C.	† Monroe, Charlie (Jun. 36)	D.C.
Mintz, Seymour Stanley (Law II)	D.C.	Monroe, H. Dana (Col., A.M.)	D.C.
A.B. 1933, The George Washington University		A.B. 1929, Baylor University	D.C.
† Mish, Edith Gale (Jun. 90)	D.C.	Monroe, Julian Hurbert (Jun. 15)	D.C.
† Mishkind, Bernard B. (Univ.)	D.C.	Monroe, Millard William (Jun. 87)	D.C.
† Mitchell, Adèle J. (Jun. 28)	N.Y.	† Monsees, Carl Henry (Univ.)	D.C.
† Mitchell, Arlene (Jun. 16)	Ark.	A.B. 1922, Roanoke College	D.C.
† Mitchell, Bernard Elwood (Ed., Ed.D.)	Va.	A.M. 1925, University of Pennsylvania	D.C.
A.B. 1921, University of Richmond		Montes, Carmen A. (Jun. 12)	D.C.
A.M. 1929, College of William and Mary		Montes, Lolita (Jun. 54)	D.C.
Mitchell, Bernice A. (Univ.)	D.C.	† Montgomery, Richard Douglas (Jun. 30)	N.C.
† Mitchell, Elizabeth H. (Col. 47)	N.J.	† Montgomery, Sarah Victorine (Univ.)	D.C.
Mitchell, Emory Floyd (Law II)	Md.	† Montgomery, Wesley Lee (Univ.)	D.C.
A.B. 1939, A.M. 1941, The George Washington University		† Moon, Doris Corinne (Univ.)	D.C.
† Mitchell, Francis S. (Eng.)	Va.	† Moon, Mary Alice (Ed. 61)	
† Mitchell, Herbert Francis, Jr. (Jun. 61)	Md.	† Moon, S. Martha (Col., A.M.)	
† Mitchell, John W. (Univ.)	Pa.	A.B. 1933, The George Washington University	D.C.
B.S. 1934, University of Pittsburgh		Mooney, Alicia Howard (Law I)	D.C.
Mitchell, Laura M. (Univ.)	D.C.	Mooney, Elizabeth (Ed. 75)	D.C.
A.B. 1902, University of Maryland		Mooney, Winston Clark (Jun. 24)	D.C.
Mitchell, Lena (Col. 85)	Iowa	† Moore, Dan Taylor (Law I)	D.C.
† Mitchell, Milton (Jun. 39)	N.Y.	B.S. 1931, Yale University	
† Mitchell, Richard Duane (Jun. 30)	N.Dak.	Moore, Donald Reister (Univ.)	
† Mitchell, Ruth (Univ.)	D.C.	Moore, Estelle Betty (Jun. 21)	

Students Registered

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Moore, George Mansfield (Jun. 78)	D.C.	†Morton, James Raymond, Jr. (Univ.)	Ga.
Moore, Helen M. (L.S., A.M.)	Wash.	B.S. 1917, Davidson College	
B.S. in L.S., 1929, University of Washington		B.S. 1922, Massachusetts Institute of Technology	N.Y.
Moore, Howard Nelson (Law III)	W.Va.	†Moseley, Evelyn H. P. (Jun.)	Mass.
E.E. 1910, Cornell University		Moseley, Harold Wilcox (Law I)	
Moore, Hubert (Eng. 6)	Mo.	A.B. 1928, Amherst College	
Moore, Malcolm Richardson (Eng.)	D.C.	M.B.A. 1931, Harvard University	Md.
Moore, Margaret Mary (Jun.)	D.C.	Moseman, John William, Jr. (Eng. 90)	Mo.
Moore, Mildred J. (Univ.)	D.C.	Moser, Leona E. (Jun. 27)	D.C.
A.B. 1920, A.M. 1929, A.B. in L.S. 1932, The George Washington University		†Moses, Elizabeth Angier (Jun.)	Ark.
Moore, O. Keith (Law I)	D.C.	Moses, James Arthur (Jun.)	Kans.
Moore, Olive Leovenia (Univ.)	Okla.	Mosley, Vernon Millard (Jun., Uncl.)	Utah
Moore, Ruth Durkee (Jun.)	Idaho	Moss, Frank Edward (Law I)	
Moore, David Tompkins (Univ.)	D.C.	A.B. 1933, University of Utah	Ark.
Moran, George Joseph (Law I)	Ill.	Moss, Joseph Alexander (Law I)	
Moran, James Henderson (Univ.)	Tenn.	A.B. 1934, Southwestern College	D.C.
Moran, Jocelyn Beard (Univ.)	D.C.	Moss, Lyla Rosamond (Jun. 6)	D.C.
Moran, Mrs. Mitchell L. (Univ.)	N.Y.	†Moss, Samuel Alfred (Eng. 27)	Id.
Moreland, Elsie King (Univ.)	D.C.	Mosrow, Elmer (Law II)	D.C.
Morell, Gustave A. (Col. 127)	Minn.	Mothershead, Janet Frances (Col., A.M.)	D.C.
Morgan, Charles William (Jun. 55)	D.C.	B.S. 1935, Wilson Teachers College	D.C.
Morgan, George Seymour (Univ.)	Ill.	Motz, Caleb Armistead (Eng. 71)	Md.
Morgan, Robert Eltonzo (Eng. 62)	W.Va.	Moulton, Philip (Law I)	Va.
Morgenstern, Philip (Med. II)	N.Y.	Mount, Kenneth LeRoy (Law II)	D.C.
A.B. 1934, The George Washington University		†Moy, Hamilton (Eng.)	D.C.
Marhart, Frederick Henry, Jr. (Univ.)	D.C.	†Muehlbauer, Eleanor Georgene (Univ.)	D.C.
A.B. 1931, Lehigh University		Mueller, Walter Philip (Eng. 42)	N.J.
Morris, Herman Jackson (Col., A.M.)	Okla.	Mugmon, Leo Harold (Jun.)	S.Dak.
B.S. 1934, The George Washington University		Mullenburg, Paul L. (Law III)	D.C.
Morris, J. Craig (Univ.)	D.C.	A.B. 1931, Yankton College	S.Dak.
Morris, Leon G. (Univ.)	D.C.	†Mullenburg, Robert A. (Jun. 6)	D.C.
Morris, Leon William (Jun.)	Iowa	Muir, David Stanley (Law Spec.)	
Morris, Lynn B. (Law II)	D.C.	A.B. 1927, L.L.B. 1932, University of Pittsburgh	Conn.
Morris, Sara Roberta (Ed., A.M.)	D.C.	Mullen, Francis Robert (Med. II)	
A.B. 1933, The George Washington University		A.B. 1931, Catholic University of America	N.Y.
Morrison, Alice S. (Jun. 36)	D.C.	Mullen, George Edward, Jr. (Med. I)	Nebr.
Morrison, Ann Elizabeth (Univ.)	Va.	B.S. 1934, Fordham University	D.C.
B.S. 1926, Fredericksburg State Teachers College		Mullen, Gerald M. (Jun.)	
Morrison, Martin Merrill (Law I)	Utah	Mulligan, Rex Phillip (Law III)	
B.S. 1933, Utah State Agricultural College		B.S. 1929, The George Washington University	D.C.
Morrison, Vera Estelle (Ed., Ed.D.)	D.C.	Mulligan, Tracy Ellsworth (Jun. 30)	D.C.
A.M. 1931, University of Maryland		†Mullin, Evelyn Lillian (Jun. 24)	Wis.
Morrow, John, Jr. (Jun. 40)	D.C.	Mullin, Harold R. (Jun. 15)	Mass.
Morrow, Montgomery (Med. III)	D.C.	†Mullin, John Anthony (Jun.)	D.C.
Morse, Harry S. (Ed., Ed.D.)	D.C.	†Mulquin, Donna-May (Univ.)	R.I.
B.S. 1917, University of Vermont		†Mulvey, Frederick (Ed., A.M.)	
M.S. in Ed., 1934, Syracuse University		A.B. 1933, The George Washington University	D.C.
Morse, Roger H. (Jun. 27)	Kans.	Mumaw, Norman Brown (Jun. 30)	Ill.
Mortimer, George H. (Law I)	D.C.	Munn, Clarke, Jr. (Law III)	
B.S. 1925, Brigham Young University		A.B. 1932, Dartmouth College	Md.
Morton, Irving Lee, Jr. (Jun. 62)	N.C.	†Munroe, Clara Treadway (Jun., Uncl.)	Md.
		†Munroe, Emma Louise (Jun. 114)	Md.
		†Munson, Albert Melvin (Jun.)	Calif.
		Murata, Jack (Col. 95)	D.C.
		Murphy, Arthur Reaney (Law III)	
		A.B. 1932, American University	Okla.
		†Murphy, Blakely McKee (Law I)	

Murphy, Charles Martin, Jr. (Univ.) A.B. 1934, The George Washington University	Ala.	Nash, Charles Leslie, Jr. (Eng.) Nash, John Frank (Jun.) Nash, Margaret K. (Ed., A.M.) A.B. 1920, The George Washington University	Eng. D.C. D.C. D.C.
†Murphy, Eugene Xavier (Law I) A.B. 1930, Catholic University of America	N.H.	Nast, Charlotte Brown (Univ.) Nathanson, Leon Irving (Med. III) Nau, Carlton Leroy (Law I) B.S. 1931, Gettysburg College	D.C. D.C. D.C. D.C.
Murphy, Howard M. (Law, Spec.) LL.B. 1931, The George Washington University	Kans.	Naumann, Charles F. (Univ.) †Naylor, Estill Eas (Law I) A.B., 1931, A.M., 1932, The George Washington University	D.C. D.C. D.C.
Murphy, Irene May (Jun. 55) †Murphy, James Edward (Col. 68) LL.B. 1931, Georgetown University	D.C. Conn.	Naylor, Walter Kent (Law I) Neal, Oscar Thomas (Eng.; Col. 75) Neeb, Marie Marguerite (Ed., A.M.) A.B. 1934, The George Washington University	D.C. D.C. D.C. D.C.
Murphy, Kathryn (Col. 00) †Murphy, Neill C., Jr. (Jun. 28.5) Murphy, Richard C. (Col. 06) Murphy, Thomas F. (Eng. 110; Law, Uncl.) LL.B. 1923, Georgetown University	D.C. S.C. Ill. Mass.	Neeland, Dean Barthe (Col., A.M.) A.B. 1930, University of California at Los Angeles	D.C. D.C. D.C. D.C.
Murray, Charles A. (Eng.) †Murray, Frances Helen (Law I) A.B. 1931, Baker University	Mass. Kans.	†Neely, Patricia (Univ.) †Neely, William B., Jr. (Univ.) Neff, Bertha L. (Jun.) Neff, Julia Betty (Jun. 55)	D.C. D.C. D.C. D.C.
†Murray, Frank J. (Univ.) A.B. 1926, Boston College M.S. 1930, Georgetown University	R.I.	†Neill, Mildred Frances (Univ.) B.S. 1934, University of Maryland Nelson, Alf W. (Col., A.M.) A.B. 1924, University of Minnesota	D.C. D.C. D.C. D.C.
†Murray, Harold W. (Univ.) C.E. 1920, Bucknell University	D.C.	†Nelson, Almon Sylvester (Univ.) Nelson, Ann Katherine (Jun. 56) †Nelson, Della (Univ.) Nelson, Elton Louis (Col., A.M.) B.J. 1934, University of Missouri	D.C. D.C. D.C. D.C.
Murray, Harvey LeRoy (Jun. 4) †Murray, Jadwin J. (Univ.) †Murray, James Andrew (Univ.) †Murray, John James, Jr. (Jun.) †Murray, Mary Sydney (Jun.)	D.C. D.C. S.C. Ill. W.Va.	†Nelson, Edwin Carl (Eng.) Nelson, Esther (Col., A.M.) A.B. 1933, The George Washington University	D.C. D.C. D.C.
Mutshberg, Raymond Walter (Jun. 22) Muxter, Milton S. (Jun. 71.33) Mussaparta, Helvi (Jun. 12) Muth, Raymond Francis (Eng. 45) Mutziger, John George (Grad.) A.B. 1931, University of Missouri A.M. 1932, The George Washington University	Minn. Utah S.Dak. D.C. Mo.	Nelson, Ethel Mary (Jun. 30) Nelson, J. Edgar (Law II) B.S. 1912, University of California at Los Angeles	D.C. D.C. D.C. D.C.
Mutziger, Katherine Lundberg (Univ.) Myers, Edward Stephen (Col. 60) LL.B. 1934, Georgetown University	Md. D.C.	Nelson, Mae Aloisia (Univ.) Nelson, Manford Edward (Law III) Nelson, Marjorie Mae (Med. I) Nelson, Rex Kenneth (Jun. 72)	D.C. D.C. D.C. D.C.
Myers, Gertrude (Col. 107) Myers, Marion E. (Eng. 77) †Mylkes, Reginald V. (Univ.)	D.C. D.C. Vt.	†Nelson, Rudolph Louis (Univ.) Neslen, Clarence Cannon (Law II) A.B. 1932, University of Utah Nettleton, Frances Adalinda (Jun.) Neuffer, Maria Louisa (Col., A.M.) A.B. 1926, Randolph Macon Woman's College	D.C. D.C. D.C. D.C.
N		†Neviasser, Albert Edward (Jun. 45) Neville, William D. (Univ.) †Nevitt, Ramsay M. E. (Univ.) Newberry, Floyd (Jun. 57) Newburgh, Charles Frederic (Jun.) †Newcomb, Floyd Edgar (Univ.) †Newcombe, Elisabeth W. (Ed., A.M.) A.B. 1932, The George Washington University	D.C. D.C. D.C. D.C. D.C.
Nabakowski, Milton William (Jun. 54) Nackenoff, Jacob Leo (Law III) B.S. in C.E. 1928, University of Nebraska	Ohio Nebr.		D.C. D.C.
Naacker, Louis Joseph (Eng. 31) Nagac, Cayetano C. (Col. 114, A.M.) Nagel, Ray Hamilton (Col., A.M.) A.B. 1929, Whittier College	D.C. P.I. Va.		D.C. D.C.
Nail, Harry Craig (Law I) †Naiman, Irven (Univ.) B.S. 1932, University of Chicago	Ohio Ill.		D.C. D.C.
Naibritz, Harold Arthur (Jun.) †Nankivell, Bernice E. (Ed. 64.66) †Nash, Carroll Blue (Univ.) B.S. 1934, The George Washington University	Utah Canal Zone D.C.		D.C. D.C.

Students Registered

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Newcomer, Edgar B. (Law I)	D.C.	Noonan, William Joseph (Jun. 84)	D.C.
A.B. 1914, University of Maryland		Norbeck, Myrtle Katherine (Univ.)	S.Dak.
Newell, Edward Dunbar (Eng., Uncl.)	D.C.	A.B. 1927, University of South Dakota	
Newhouse, Mildred Miriam (Jun. 21)	D.C.	Noretoss, John Alfred (Med. II)	D.C.
Newland, Paul (Jun. 50)	Ill.	B.S. 1933, Dickinson College	N.Y.
Newman, Earl Arthur (Jun. 12)	Ill.	†Nordan, Samuel (Univ.)	
Newman, James Drennan (Law II)	Ark.	B.S. 1932, M.S. in Ed. 1933, College of the City of New York	
A.B. 1931, University of Arkansas		*Norberg, John J. (Col. 119)	Minn.
Newman, Jewel E. (Jun. 72)	D.C.	Norbin, Ruth (Univ.)	Nebr.
Newson, James Clark (Law I)	S.C.	Nordlinger, Gerson, Jr. (Col. 92)	D.C.
A.B. 1919, The Citadel		Norford, Jane Smith (Jun. 91)	Va.
Newson, M. Eugene, Jr. (Law I)	N.C.	Norley, Myrtle Elaine (Jun. 19)	Minn.
A.B. 1934, Duke University		Norley, Myrtle Elaine (Law I)	Tex.
Newson, William W. (Univ.)	Tex.	Norman, Oliver LetGrand (Law I)	
Newton, Emma E. (Col., A.M.)	N.C.	Graduate 1920, U.S. Naval Academy	
A.B. 1917, Lenox-Rhyme College		†Normandy, Eleanor Rhea (F.I., A.M.)	D.C.
Nichols, Ruth Elizabeth (Jun.)	Pa.	A.B. 1913, The George Washington University	
Nichols, Harold T. (Univ.)	Va.	Norris, Ezekiel Boyce (Law I)	S.C.
Nichols, Clark, Jr. (Law I)	Okla.	A.B. 1930, University of South Carolina	
Nichols, Emory Lewis (Law I)	Utah	Norrod, Albert Burice (Law I)	Tenn.
Nichols, Louise Kilgour (Ed. 90)	Va.	Northrop, Edward Skittowe (Law II)	M.I.
Nichols, Oscar D. (Eng. 6)	Vt.	†Northrop, J. Ralph (Jun. 41)	Mo.
Nicholson, Gordon A. (Law III)	Utah	†Norton, Dorothy Alberta (Jun.)	D.C.
Nicholson, J. Frank (Law I)	Md.	†Norton, Edwin Michael (Law II)	Minn.
†Nicholson, Samuel H. (Univ.)	D.C.	Norton, Leland Dean (Col., A.M.)	Ohio
Nicht, Helen G. (Univ.)	N.Y.	A.B. 1930, The George Washington University	
†Nickle, Norman Joseph Louis (Univ.)	Vt.	Norton, Robert Fouché (Med. IV)	Ga.
A.B. 1933, Arkansas State College	Ark.	Norton, William Forrest (Law II)	Ala.
Nicklin, Walter Shesley, Jr. (Phar. 80)	Va.	†Nortwell, Robert Lewis (Univ.)	D.C.
Nikolopoulos, John Peter (Jun.)	D.C.	†Norwood, Tillie (Univ.)	D.C.
Nielsen, Glen Edwin (Eng. 85)	Utah	†Norwood, Tillie (Univ.)	Wis.
Nielsen, Oscar Edward (Univ.)	Idaho	†Noth, Adaisa Emily (Jun.)	Conn.
Ph.G. 1931, University of Idaho		Nott, Mildred McCauley (Ed., Uncl.)	D.C.
Nielsen, Ralph John (Univ.)	D.C.	†Notter, Elsie (Univ.)	D.C.
Nielsen, Carl Age (Jun. 18)	D.C.	Notter, Madeline Emma (Jun. 12)	D.C.
Nielsen, Horton Haight (Law I)	Idaho	†Novinger, Faith F. (Ed., A.M.)	D.C.
A.B. 1924, A.M. 1925, University of Utah		A.B. 1922, The George Washington University	
Nelson, Leo Haight (Law I)	Idaho	Noyes, Alfred D. (Law I)	Md.
†Nelson, Oscar H. (Univ.)	Idaho	†Nugent, Cornelia (Jun. 51)	Va.
Niemeyer, Edward Henry (Jun.)	D.C.	†Nugent, Robert Greene (Col., A.M.)	Va.
Niemeyer, Gertrude E. (Ed. 112)	D.C.	B.S. 1934, College of William and Mary	
†Nifong, Lora Nell (Jun. 10.66)	D.C.	†Nunn, Harry Benjamin, Jr. (Univ.)	Miss.
Niles, Thomas Kenny (Jun. 120)	D.C.	Nusbaum, Clement Isidore (Jun. 74)	D.C.
Nilkamhaeng, Snga (Law I)	Ill.	Nuta, Alexander (Law II)	Ill.
†Nimetro, Katherine A. (Jun. 40.66)	Minn.	B.S.L. 1932, Northwestern University	
†Niabet, Miriam (Univ.)	D.C.	Nutter, John Barnett (Jun. 91)	D.C.
Nix, Donald Eaton (Jun.)	Ga.	Nye, William David (Col. 65)	D.C.
Nixon, Olivia Ruth (Jun. 60)	D.C.		
Noble, Bertha Demareat (Jun. 60)	Va.		
Noble, Gordon Richard (Eng. 113)	Va.		
Noble, William R. (Law II)	Kans.		
A.B. 1934, University of Kansas			
Nold, Marie Cuthbertson (Col., A.M.)	Minn.		
A.B. 1919, L.L.B. 1934, The George Washington University			
Nolen, Eleanor Weakley (Jun. 41.66)	D.C.	†Oakley, Chester A. (Jun. 57)	R.I.
†Nole, Margaret Erickson (Univ.)	D.C.	Oakley, Thomas Richard (Eng. 69)	Pa.
A.B. 1933, DePauw University		Obear, Legare Hill Bowles (Jun. 51)	Ga.
Nolte, Walter T. (Law III)	M.I.	†Oberholzer, A. V. (Law I; Univ.)	D.C.
A.B. 1932, Albion College		B.S. 1935, Wake Forest College	
Noon, Gladys Goldie (Jun.)	D.C.	Oberlin, David (Jun.)	D.C.
		Oberlin, Paul Frederick (Jun.)	Ohio

O'Brien, Agnes G. (Col. 64)	D.C.	Oman, Paul W. (Col., A.M.)	Kan.
†O'Brien, Elizabeth Ann (Jun.)	D.C.	A.B. 1930, University of Kansas	D.C.
O'Brien, Everett (Univ.)	Minn.	†Omo, Charles Howard (Univ.)	
O'Brien, Gerald Davis (Eng. 84)	S.Dak.	A.B. 1915, Juniata College	D.C.
†O'Brien, Joe Heaton (Univ.)	Mass.	A.M. 1928, Pennsylvania State College	Te
†O'Brien, Mary W. (Univ.)	Conn.	Omohundro, Wallace Saunders (Jun.)	
O'Brien, Thomas D. (Jun. 106)	D.C.	†O'Neill, Charles Ford (Law I)	
O'Brien, Thomas William (Jun.)	N.J.	A.B. 1934, Texas Technological	Me
O'Brien, William Edmund (Law II)	N.Y.	College	Me
C.E. 1021, Rensselaer Polytechnic		†O'Neil, Thomas Leo (Jun.)	Me
Institute		Opahl, Harold E. (Med. IV)	Me
O'Brien, William Talbot (Law III)	W.Va.	Oram, Archie L. (Jun. 72)	Me
A.B. 1926, West Virginia Wesleyan		Oremland, Sol (Jun.)	N.Y.
College		†Orenstein, Samuel Joseph (Univ.)	D.C.
†O'Bryant, Robert Eugene (Jun.)	Kans.	A.B. 1933, American University	
O'Connell, Charles Edward (Eng. 83)	Conn.	Orleans, Sol (Med. II)	
†O'Connell, Joseph Cecil (Law II)	Pa.	A.B. 1932, The George Washington	N.Y.
A.B. 1933, Catholic University of		University	D.C.
America		Orling, Herman Charles (Jun. 18)	Me
†O'Connell, Thomas Francis (Univ.)	Conn.	Ormsby, Edmund B. W. (Univ.)	Me
O'Connell, William Michael (Med. I)	N.Y.	†Ormond, Oliver (Univ.)	Me
B.S. 1934, St. John's University		Orpi, Pedro, Jr. (Jun. 109)	D.C.
O'Connor, John F. (Eng. 115)	D.C.	†Orrick, Albert Lewis (Jun. 57)	N.Y.
†O'Connor, Margaret Veronica (Jun. 113)	D.C.	Orris, Beatrice (Jun. 24)	D.C.
O'Connor, Maurice Stephen (Law I)	Iowa	Orth, Elizabeth Caroline (Ed., A.M.)	
A.B. 1934, Dartmouth College		A.B. 1934, The George Washington	N.Y.
O'Connor, N. Aileen (Jun. 9)	D.C.	University	
O'Connor, Robert Thomas (Jun. 75)	Mass.	†Ortolani, John (Univ.)	D.C.
†O'Dell, Sam L. (Jun. 12)	Tenn.	A.B. 1928, University of Rochester	
O'Donnell, Hanlon Joseph (Med. I)	D.C.	†Osborne, Catherine Howell (Univ.)	Te
Oehlmann, G. Elsa (Univ.; Jun. 15.5)	Germany	A.B. 1933, American University	D.C.
†Oertel, John Frank (Jun., Ind.)	D.C.	*Osborn, Eugenia Hillary (Ed. 126.13)	Me
Ockmann, Oskar Paul (Law I)	Ind.	Osgood, Elliott Dayton (Jun. 21)	D.C.
O'Flaherty, Maude Irene (Ed., A.M.)	Va.	Osgood, William Kenrick (Jun.)	Eng
A.B. 1929, The George Washington		Oshinsky, Sol (Jun.)	Me
University		Ossen, Jay Jack (Law III)	N.Y.
Ogus, Alfred (Med. IV)	D.C.	Osterman, John Gilbert (Jun. 62)	
O'Halloran, Thomas Alvin (Eng. 119)	Va.	†Osthagen, Clarence Hiltmann (Law I)	D.C.
O'Hare, Nina Marie (Jun.)	D.C.	B.S. 1930, University of Kentucky	
O'Larey, John Elton (Law I)	Wash.	Ostrolenk, Morris (Col., A.M.)	D.C.
†Olin, Dorothy D. (Univ.)	Ohio	B.S. 1929, University of Maryland	N.Y.
A.B. 1921, University of Cincinnati		Orto, Margaret Elizabeth (Univ.)	Me
†Olin, Harold A. (Jun., Uncl.)	Kans.	Overing, Rachel W. (Jun. 40)	N.Y.
Oliver, Barton Dickson (Col. 90)	Va.	†Overton, Mary Elizabeth (Jun. 39)	Te
†Oliver, Estelle I. (Univ.)	D.C.	†Ovrutsky, Jacob Joseph (Univ.)	Me
Oliver, Richard Rudolph (Jun. 33)	Mo.	Owen, Arthur Wayne (Med. II)	
†Olmstead, Ralph W. (Law III)	Idaho	†Owen, George Edward (Jun. 48)	
A.B. 1912, University of Idaho			
Olney, Elbert Y. (Ed., A.M.)	D.C.		
A.B. 1921, Columbia University			
†Olson, Alfred Lander (Univ.)	N.Y.		
B.S. 1925, Cornell University			
Olson, Margaret C. (Univ.)	N.Y.		
Olson, Mabel Evelyn (Law II)	N.Mex.		
A.B. 1920, University of New Mexico			
Olson, Roland E. (Grad.)	Minn.		
B.S. 1931, North Dakota Agricultural			
College			
A.M. 1931, University of Buffalo			
†Olson, Rose M. (Jun.)	Mich.		
†Olverson, John Benjamin, Jr. (Jun. 75)	D.C.		
†Olverson, Walter Neal (Jun.)	D.C.		
O'Malley, Laurence Joseph (Law I)	Nebr.		

P

Pace, Ann Elizabeth (Jun. 29)	
†Pace, Beatrice G. (Univ.)	
†Pace, David Allen (Jun. 24)	
†Pace, Udall Wilson (Law I)	
Padgett, A. Madeline (Ed. 90)	
Pagan, Oliver Elwood (Law II)	
A.B. 1934, The George Washington	
University	
Page, Georgie Edith (Jun. 57)	
Page, Harry Collin (Law I)	
B.S. in E.E. 1929, Missouri School	
of Mines	
M.S. in E.E. 1932, Union College	
Painter, E. M. Mowelle (Law I)	

Students Registered

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Fainley, Jack Newton (Jun. 110)	Ind.	Pasma, Miriam Clarissa (Jun. 76)	Md.
†Palmaray, Virginia Lee (Univ.)	Va.	Pasma, Theodore Kay (Jun. 30)	Md.
†Palmer, Ethel Maxton (Univ.)	D.C.	†Pate, Walter (Jun. 33)	Okl.
Palmer, J. Joseph W. (Law II)	D.C.	Pates, William Melvin (Jun. 42)	Va.
A.B. 1923, A.M. 1925, The George Washington University		†Paton, James Ferrier (Law I)	Tex.
Palmer, John Leachman (Jun.)	Va.	A.B. 1922, Baylor University	D.C.
†Palmer, Paul C. (Jun. 4)	Ariz.	†Patrick, Gwendolyn P. (Univ.)	R.I.
Palmeri, Anthony (Univ.)	D.C.	Patrick, William Earle, Jr. (Eng. 21)	Okl.
Panzarella, Joseph Albert (Med IV)	Md.	Patrum, Kenneth Walter (Jun. 66)	Ala.
A.B. 1931, The George Washington University		Patterson, Dorothy (Col. 86)	Ala.
Papaioannas, John Demosthenes (Jun. 19)	D.C.	†Patterson, Geraldine V. (Univ.)	N.Y.
Pappas, Patricia E. (Law III)	D.C.	†Patterson, Robert John (Law II)	
A.B. 1934, The George Washington University		B.S. in Ch.E. 1930, Clarkson College of Technology	Va.
Parent, Ernest James (Med. IV)	D.C.	Patton, Francis L. (Law II)	
B.S. 1931, Catholic University of America		A.B. 1934, Washington and Lee University	N.Mex.
Pans, Vinard LeVane (Jun. 36)	N.Y.	†Patton, William Henry (Law I)	D.C.
Parker, Charles Shepard (Law III)	D.C.	†Paul, J. B. (Govt., A.M.)	
Ph.B. 1933, Kenyon College		A.B. 1934, The George Washington University	D.C.
Parker, Donald William (Law III)	Conn.	Paul, Laura Christine (Law I)	
B.S. in Eng. 1934, The George Washington University		B.S. 1933, Elmira College	D.C.
Parker, Ellsworth S. (Law I)	Iowa	Paul, Mary (Univ.)	N.Dak.
Parker, Ernest Sheppard (Col. 83)	D.C.	*Paulson, Lynn C. (Law III)	
Parker, H. Stoddert (Jun. 29)	D.C.	A.B. 1930, The George Washington University	Wis.
Parker, Jack Owen (Law I)	Tex.	Paulus, George M., Jr. (Law III)	D.C.
Parker, Laurence (Govt. 112, A.M.)	D.C.	Pawlowski, Louis A. (Eng.)	D.C.
Parker, Minor F., Jr. (Med. I)	W.Va.	Paxton, Jerome Webster (Univ.)	Mont.
B.S. 1933, West Virginia Wesleyan College		Paylor, Wilhelmena (Col. 63)	Va.
†Parker, Ruth Ann (Ed., A.M.)	D.C.	†Payne, Clara Eugenia (Univ.)	
B.S. 1934, The George Washington University		B.S. 1930, Harrisonburg Teachers College	
Parker, William Louis (Law II)	Tex.	M.S. 1933, University of Virginia	D.C.
B.H.A. 1932, University of Texas		Payne, Elizabeth Browning (Col. 59)	Md.
Parkinson, Graham N. (Jun. 57)	Idaho	†Payne, Irving Whittier (Univ.)	
†Parks, J. Drury (Univ.)	Okl.	B.S. 1911, University of Michigan	Md.
Parks, Wallace Judson (Law II)	Md.	Payne, John Byrd (Col. 83.5)	D.C.
A.B. 1932, Williams College		Payne, Kirby B. (Jun.)	Va.
Parnele, Doris I. (Jun. 24)	D.C.	Payne, Laura Emilie (L.S. 98)	D.C.
Parneley, Della M. (L.S., Uncl.)	Tenn.	Payne, Russell Crandle (Jun. 75)	D.C.
A.B. 1929, Winthrop College		Payne, Seymour Blair (Jun. 63)	D.C.
Parr, Russell Curtiss (F.A. 86)	D.C.	†Peacock, Sydney Josephine (Univ.)	D.C.
Parrack, Thomas David (Col. 60)	Pa.	†Peacock, Virginia Antoinette (Univ.)	D.C.
Parraco, William (Eng.)	D.C.	Peairs, Charles E. (Law I)	D.C.
Parrish, Elmer W. (Ed. 131)	Tex.	†Pearce, Anne White (Univ.)	
Parrish, Elvid Donald (Jun. 17)	Ill.	A.B. 1930, The George Washington University	Pa.
Parrish, Iris (Univ.)	Utah	Peblo, John (Jun. 42)	D.C.
A.B. 1930, University of Utah		†Peck, Gail E. (Jun. 41)	Pa.
Parrish, James Wayne (Law II)	Utah	Peckham, Winifred Alida (Col. 102)	D.C.
†Parrish, LaMar Steed (Jun.)	Utah	†Peirce, Warner (Univ.)	D.C.
Parrish, Lucetta Ethel (Univ.)	D.C.	Pekmezian, Naomi (Col. 102)	D.C.
Parrish, William M. (Eng. 27)	D.C.	†Pendleton, Eugene B., Jr. (Univ.)	D.C.
Parsons, Donald J. (Col. 94)	D.C.	Penn, Clare Johnson (Jun.)	Ohio
Parsons, Edgar Howard (Eng. 27)	D.C.	†Penn, Marjorie Jane (Univ.)	Miss.
Parsons, John E. (Eng. 70)	D.C.	Penn, William H. (Eng. 6)	D.C.
Parson, Dorothy (Univ.)	D.C.	Pennebaker, Amelia L. (Univ.)	N.C.
A.B. 1924, The George Washington University		†Penney, Mary Mildred (Univ.)	
A.M. 1931, American University		R.S. 1925, Winthrop College	
		M.S. 1932, North Carolina State College	

†Pennington, Catherine Carter (Jun. 50)	Ill.	Pickard, Bettie Jean (Jun., Uncl.)	p.c.
†Perin, Cathwalia Anderson (Univ.)	D.C.	†Pickens, Berkeley Elizabeth (Jun.)	p.c.
†Perkins, Lewis Bryant, Jr. (Eng., Uncl.)	D.C.	Pickens, Charles Wilmer (Jun.)	ten
B.S. in E.E. 1912, The George Washington University		Pickett, Charles Joseph (Law I)	
Petros, George Peter (Jun.)	D.C.	A.B. 1934, Yale University	p.c.
†Perry, Josephine A. (Univ.)	Kans.	Pickett, Dorothy C. (Jun. 27)	qes
Perry, Mary Frances (Jun. 24)	D.C.	†Pierce, Annabel Leo (Col., A.M.)	
Perrons, W. Frank (Med. I)	D.C.	A.B. 1933, Denison University	p.c.
Pessagno, Eugene Leo, Jr. (Med. III)	Md.	Pierce, Charlotte Gertrude (L.S. 00)	Ma
A.B. 1932, The Johns Hopkins University		Pierce, Edward Randolph (Jun. 37)	ten
Petentler, Arch John (Law I)	Mo.	Pierce, Mary Elizabeth (Ed. 115)	ten
Peters, Fred John (Jun.)	Ohio	Pierson, Calvin (Eng. 5)	
Petersen, Stanley Wilhelm (Eng. 9)	N.Y.	Pierson, W. Theodore (Law I)	
Peterson, Dorothy Virginia (Col. 70)	Va.	Pigman, George Leroy (Eng. 110)	p.c.
Peterson, Edwin Warren (Col., A.M.)	Minn.	Pilcher, Robert Morton (Univ.)	p.c.
B.B.A. 1933, University of Minnesota		†Pile, Elizabeth Caywood (Ed. 95)	qes
Peterson, Hubert H. (Univ.)	D.C.	Pillars, Miles D. (Univ.)	
†Peterson, Joseph Clark (Jun. 6)	Ill.	B.S. 1928, Oregon State Agricultural College	
Peterson, Ralph Howard (Jun.)	D.C.	LL.B. 1914, The George Washington University	St.
Peth, Kenneth Wadsworth (Col., A.M.)	Wash.	Pilson, T. Alfred (Law II)	
A.B. 1913, University of Washington		A.B. 1934, Asbury College	p.c.
Petrudes, George Athan (Jun. 19)	D.C.	Pitzer, Herbert Morton (Jun. 32)	Ma
Pettersson, Parke, Severn (Jun. 10)	Utah	Pimper, James Lambie (Law I)	
Petteys, Kate Easton (Ed. 89)	D.C.	A.B. 1933, Dartmouth College	p.c.
Pettit, Harvey Love (Ed., Uncl.)	Miss.	Pinching, Gladys Dorothy (Jun. 20)	D.C.
Pettit, Horace Lamar (Jun., Uncl.)	Miss.	†Pinck, Esther S. (Univ.)	Me
†Pettit, Milton Howard (Law I)	D.C.	A.B. 1912, Winthrop College	p.c.
Ph.B. 1932, University of Chicago		†Pincus, Charles Solomon (Univ.)	N.Y.
Pewett, Edwin Henkel (Law I)	Ark.	Piniera, Felix Martin (Eng. 110)	Ad
A.B. 1934, Washington and Lee University		Pinto, Joseph Alexander (Med. II)	p.c.
Pfahler, Robert Duvall (Eng. 21)	D.C.	†Pipkin, Comper (Univ.)	W.
Phares, Alan Brelsford (Law I)	Kans.	†Pirie, Alice Mae (Jun.)	D.C.
A.B. 1934, Wichita University		Pirie, Muriel Alice (Col. 60)	N.C.
†Phelps, Catherine Margaret (Univ.)	D.C.	Pitt, Bernard Picking (Law I)	Min
A.B. 1934, The George Washington University		Pitt, James Franklin (Jun.)	
Phelps, Gerald L. (Jun. 6)	Minn.	Pitt, Laud Rolland (Col., A.M.)	D.C.
Phelps, Marion E. (Univ.)	Md.	A.B. 1928, Northwestern University	
A.B. 1911, American University		Pittle, Herbert (Law II)	
†Phelps, Miriam Elizabeth (Jun.)	Va.	A.B. 1911, The George Washington University	p.c.
†Phifer, George Erwin (Law I)	S.C.	†Plant, Henry Carleton (Jun. 18)	Ind
†Philbrick, Mary Holden (Ed. 101)	Ga.	†Platz, Orville Alonzo (Jun. 6)	Min
Philip, Fayette Harris (Univ.)	Calif.	†Plimpton, Elizabeth White (Univ.)	
Ph.G. 1901, University of California		A.B. 1929, Radcliffe College	Ind
Philips, Henry (Jun. 27)	Pa.	Plotnicki, Ben Anthony (Jun. 42)	D.
Phillips, Bernath Eugene (Ed. 92)	D.C.	†Plugge, Dorothy Marie (Jun.)	D.C.
Phillips, C. Estelle (Grad.)	Md.	Plugge, John Ade (Law II)	
A.B. 1923, A.M. 1927, The George Washington University		B.S. 1929, M.S. 1930, Massachusetts Institute of Technology	p.c.
Phillips, Clyde Ellis (Jun. 62)	Mo.	Plugge, Virginia (Jun. 102)	St.
Phillips, Donald D. (Law III)	Kans.	†Plumley, Fletcher D. P. (Law I)	
Phillips, Florence Elizabeth (Jun. 3)	D.C.	A.B. 1928, Norwich University	K.
Phillips, Frank DuBois, Jr. (Jun. 32)	D.C.	M.B.A. 1933, Harvard University	Wash
†Phillips, Hazel Horton (Ed. 101 33)	D.C.	Munkett, Malvin Blaine (Jun. 9)	Min
Phillips, Jules Ludin (Eng. 50)	N.I.	Poch, Stanley Thomas (Jun.)	Min
Phillips, Mary Alice (Jun. 121)	Md.	Podnos, Seymour (Jun. 58)	
Phillips, William Lamar (Univ.)	Wyo.	Polk, Kathleen Mallory (Univ.)	
Philpott, Ida Lewis (Jun. 54)	D.C.	A.B. 1933, Mississippi Woman's College	
†Philpott, Inez Marie (Univ.)	D.C.		
Phoenix, Pandora (Jun. 71)	D.C.		

Pollard, George Marvin (Col., A.M.)	Mo.	*Price, Emmett William (Grad.)	D.C.
A.B. 1934, The George Washington University		D.V.M. 1918, The George Washington University	
Pollard, Willard L. (Law I)	Ill.	M.S. 1931, American University	Ga.
B.S. in Ch.E. 1933, Notre Dame University		Price, Henry Ellis (Law I)	
Pollock, Jack Parker (Eng. 94)	D.C.	A.B. 1932, Emory University	Calif.
Pollock, Ross, Jr. (Grad.)	D.C.	Price, Jay Berry (Jun. 36)	Ida.
B.S. in C.E. 1930, Lafayette College		Price, Leonard H. (Law III)	
A.M. 1932, The George Washington University		A.B. 1931, The George Washington University	D.C.
Pomeroy, Floyd Stanley (Col. 86 5)	Ill.	†Price, Warren, Jr. (Univ.)	
Pomeroy, Katherine Livingston (Jun. 45)	D.C.	B.S. 1931, Columbia University	D.C.
Ponder, Lester M. (Law I)	Ark.	Primm, Margaret J. (Col. 60)	Tenn.
B.S. 1934, Northwestern University		†Price, Sue C. (Jun.)	N.J.
Pontious, Mary Elmer (Univ.)	Ohio	Privot, Thomas P. (Jun. 30)	D.C.
Pool, Clarence Ross (Jun.)	Idaho	†Probe, Joseph William (Eng. 17)	Ga.
Poole, Edward Alan (Jun.)	D.C.	Proctor, William H., Jr. (Col. 60)	D.C.
Poole, William H., Jr. (Univ.)	D.C.	†Proffitt, Claude Lee (Eng. 85)	D.C.
Poore, Allan R. (Jun. 18)	D.C.	Proffitt, Edith L. (Col. 84)	Ark.
Pope, Ross P. (Jun. 48)	Idaho	Prothro, Adolphus M. (Law II)	
Pope, Virginia Henshaw (Ed. 80)	D.C.	A.B. 1934, Baylor University	Va.
Popkin, Michael Sherman (Med. IV)	Conn.	†Prottman, Eugenia H. (Col., A.M.)	
B.S. 1931, Yale University		A.B. 1928, The George Washington University	
Popkins, G. Ross (Col. 110)	D.C.	†Provane, Louis F. (Col. 78)	Miss.
Poretzky, Sidney (Jun. 30)	D.C.	†Prout, Hazel M. (Jun.)	N.C.
Porotto, Fortunato Igino (Law I, Col. 60)	Mass.	Pryor, Frank Davis, Jr. (Jun.)	Calif.
Potech, J. Harry (Eng. 118)	D.C.	†Pugh, Eleanor Caldwell (Jun.)	D.C.
*Porter, George W. (Law III)	N.Y.	Pugh, George Elbert (Med. I)	Pa.
A.B. 1930, Dartmouth College		B.S. 1934, St. Thomas College	D.C.
Porter, Katherine Manderson (Jun. 42)	D.C.	†Pugh, William P. (Univ.)	
Porter, Mary Charlotte (Jun. 54)	D.C.	Pugh, George Arthur, Jr. (Jun.)	Colo.
Porter, Stevens Serwan (Jun. 14)	D.C.	Pumphrey, Lawrence Preston (Col. 102)	D.C.
Portis, Delmer C. (Eng. 30)	Va.	†Purchase, Albert R. (Eng., Uncl.)	D.C.
Posner, Harold Leonard (Col. 109)	D.C.	B.S. in C.E. 1932, The George Washington University	D.C.
Posniak, Ellen Wynne (Jun. 36)	D.C.	†Pyle, Lawrence A. (Univ.)	
Potter, Donald Vargue (Jun.)	D.C.	Pyles, John Chester, Jr. (Law II)	D.C.
Potter, Gordon Vanderlip (Jun. 49)	D.C.	A.B. 1932, Dartmouth College	
Potter, Rae Wagner (Col. 60)	Va.		
Powdermaker, Alvin (Jun. 12)	D.C.		
Powell, George L. (Jun. 48; Law I)	Calif.		
*Powell, James Emerson (Col. 108)	D.C.		
*Powell, Milton, Jr. (Govt. 117)	Idaho		
Powelson, Robert (Law I)	N.J.		
Power, Roger Calvin, Jr. (Eng.)	D.C.		
Powers, Albert John (Jun. 56)	D.C.		
Prather, Dale L. (Un., Uncl.)	D.C.		
Prather, Frances A. (Jun.)	Tenn.		
†Prather, Thelma (Jun.)	Va.		
†Prendergast, Ronald Clare (Jun.)	D.C.		
†Prescott, Alex F. (Jun.)	Md.		
Press, Emil (Eng. 114)	D.C.		
Pressley, Lawrence Adams (Govt. 57)	Calif.		
Prezzi, Arthur Anthony (Med. IV)	Ohio		
A.B. 1931, Hiram College			
†Preston, Marie (Jun.)	D.C.		
Preston, Martha Claudia (Jun. 12)	D.C.		
Previo, Samuel Bradley (Med. II)	Ill.		
Price, Carolyn Drawdy (Jun.)	D.C.		
*Price, Dix W. (Univ.; Law I)	Ariz.		

Quinn, Joseph Patrick (Col., A.M.) A.B. 1911, The George Washington University	D.C.	Rarey, Frantz William (Eng. 85)	Ohio
Quinones-Chacon, Pascasio (Med. III)	P.R.	Rasband, James O. (F.A. 89.66)	Uncl.
		†Raskowski, Leo (Ed., A.M.) A.B. 1929, Ohio State University	Wash.
		Ratchford, Audrey (Col. 81.33)	D.C.
		Ratcliff, Clarice (Jun. 22)	D.C.
		Ratcliff, Louise (Jun.)	D.C.
		Ratcliffe, Sydney Melville (Col., A.M.) A.B. 1931, The George Washington University	Uncl.
Rabbin, Murvin (Jun. 62)	N.Y.	Rathjen, Kenneth Ned (Jun. 55)	Uncl.
Rabenovets, Harold (Jun.)	D.C.	Rathmann, Ernest August (Univ.)	D.C.
Rabenovets, Judas Samuel (Jun. 60)	D.C.	Rauch, Edmund David (Jun.)	Uncl.
†Rabinovitz, Dora G. (Univ.)	Wis.	†Rauchschwalbe, Otto E. (Univ.)	Uncl.
Rabinovitz, Maurice (Univ.)	D.C.	Ravenscroft, Jackson P. (Jun.)	Uncl.
Racey, Ralph Ernest (Jun.)	D.C.	Rawalt, Marguerite (Law, LL.M.) A.B. 1933, LL.B. 1935, The George Washington University	Uncl.
†Racioppi, Rosalinda (Univ.)	Pa.	Rawlings, Fred B. (Jun. 54)	Uncl.
Rack, Morris A. (Med. IV)	Va.	Rawson, Frank John (Univ.)	Uncl.
B.S. 1932, University of Pittsburgh		†Ray, Martha LaBette (Univ.)	Uncl.
Radford, duVal (Law I)		†Ray, Mary Ella (Jun.)	Uncl.
A.B. 1930, Washington and Lee University		Ray, Ruth R. (Jun. 80)	Uncl.
Radford, Emily W. (Jun. 46)	Colo.	Raymond, Mary Jane (Govt. 104) LL.B. 1920, The George Washington University	Uncl.
†Radford, Mary Lovell (Univ.)	D.C.	†Rea, Parthia M. (Univ.)	Uncl.
Radice, Julius John (Med. IV)	D.C.	Read, Beryle R. (Ed., Uncl.)	Uncl.
A.B. 1930, University of Maryland		Read, Joseph Calhoun (Univ.)	Uncl.
Radue, Edward Cowley (Univ.)	D.C.	Read, Margaret Virginia (Med. I)	Uncl.
Radue, Richard Glover (Law III)	D.C.	†Read, Phyllis Rogers (Jun. 24)	Uncl.
B.S. in Eng. 1931, The George Washington University		†Read, Samuel B. (Jun.)	Uncl.
Raebach, Aaron Lesser (Jun. 16)	D.C.	Reading, Martha Corbin (Univ.)	Uncl.
Raffel, William (Med. IV)	D.C.	†Reardon, Corinne Talmage (Univ.) A.B. 1914, Randolph-Macon Woman's College	Uncl.
Raftery, Thomas Mitchell (Jun. 21)	Nebr.	A.M. 1931, The George Washington University	Uncl.
Ragan, Joseph Bernard (Eng. 78)	D.C.	†Reardon, Wilfred J. (Jun.)	Uncl.
Raguse, Wilhelmina Estelle (Jun.)	N.Y.	†Records, Thomas Bastie (Univ.)	Uncl.
Rainey, Fredericka Blackwell (Med. II)	Mass.	Redrow, Allan R. (Law I) B.S. in M.E. 1933, Catholic Uni- versity of America	Uncl.
A.B. 1927, Radcliffe College		†Redus, Robert Hulon, Jr. (Jun.)	Uncl.
Raisbeck, Frank M. (Jun., Uncl.)	Wis.	Reed, Hallie Mae (Ed. 60)	Uncl.
Rait, Donald Myron (Eng., Uncl.)	Ariz.	Reed, Mabel Christina (Law I) A.B. 1932, The George Washington University	Uncl.
Rait, James M. (Univ.)	Calif.	Reed, Margaret Burton (Ed. 62)	Uncl.
†Rakusin, Lorraine Kathryn (Jun.)	D.C.	†Reed, Molly E. (Univ.)	Uncl.
Rakusin, Stanley Israel (Law I)	D.C.	Reed, Vaughn DeWitt (Univ.)	Uncl.
Ralston, Robert, Jr. (Govt. 60)	Mass.	Reeder, Samuel Bye, Jr. (Jun. 54)	Uncl.
†Ramey, Elizabeth Margaret (Ed., A.M.) University	Va.	Rees, Bynum Fay (Law I)	Uncl.
A.B. 1920, The George Washington University		Rees, Elizabeth Ann (Col., A.M.; Law I) A.B. 1932, The George Washington University	Uncl.
Ramirez de Arellano, Dora (Govt. 92)	P.R.	Rees, Howard David (L.S., A.M.) A.B. 1934, The George Washington University	Uncl.
Ramsey, Ralph E. (Law I)	D.C.	Rees, Paul Taylor (Univ.)	Uncl.
Randall, Benjamin Harlan (Jun. 14)	D.C.	Reeves, Herbert H. (Jun., Uncl.)	Uncl.
Randall, Bert Martin (Eng. 23)	D.C.	†Reeves, Irving E. (Univ.)	Uncl.
†Randall, Chester Reynolds (Univ.)	Pa.	†Reeves, Laura L. (Jun.)	Uncl.
A.B. 1923, Oberlin College			
Ph.D. 1932, The Johns Hopkins University			
Randall, Glen (Law I)	Ariz.		
†Randall, Margaret Hardey (Univ.)	Md.		
†Randle, C. Griscom (Univ.)	D.C.		
†Randolph, Louise Hancock (Col. 84)	D.C.		
†Rankin, Isabel Fulton (Jun. 21)	III.		
Rankin, J. Winfield (Jun. 22)	Idaho		
Rapee, Lawrence Albert (Jun. 52)	D.C.		
Raplinger, J. Harold (Eng. 83)	Iowa		
Rappa, Mary (Univ.)	Conn.		
Rappolt, John Paul, Jr. (Govt. 114)	D.C.		

Students Registered

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Reeves, Russell E. (Eng. 10)	Utah	Richard, Glenn Ulmar (Law I)	Kans.
Reeves, Winifred Marjorie (Jun. 24)	N.Y.	A.B. 1922, Winona University	
Register, Theodore Franklin (Jun.)	Tenn.	M.S. 1934, Georgetown University	
Register Wayman E. (Univ.)	D.C.	Richard, Mildred Graham (Law I)	Kans.
B.S. 1932, Louisiana Polytechnic Institute		A.B. 1929, Wichita University	
Rehorn, Margaret (Univ.)	D.C.	Richards, Agnes Genevieve (Jun. 30)	D.C.
Reichel, David (Univ.)	Mont.	Richards, Edwin Hubart (Univ.)	D.C.
Reid, Alice Barbara (Univ.)	Colo.	B.S. in M.E. 1931, Catholic University of America	
Reid, Jerry Edward (Univ.)	N.J.	Richards, John Edward (Jun.)	D.C.
Reid, Stella Mae (Jun. 30)	N.C.	Richards, Karl Morgan (Law III)	Utah
Reif, Irving Lester (Med. III)	N.Y.	A.B. 1927, University of Utah	
B.S. 1932, University of Virginia		Richards, Myrtle (Jun. 16)	Ala.
Reisnyder, Harold Russell (Univ.)	Pa.	Richardson, Charles Randolph (Jun. 70)	D.C.
C.C. 1933, University of Cincinnati		Richardson, Clarence Carl (Jun.)	D.C.
Reilly, Thomas Joseph (Univ.)	Ohio	Richardson, Grace Katherine (Jun., Uncl.)	Ark.
Reinhart, Blanche (Jun. 36)	D.C.	Richardson, Henry A. (Eng.)	Fla.
Reinhart, Eleanor Louise (Col. 6a)	Okla.	Richardson, Jean (Univ.)	Va.
Remley, Ralph Day (Univ.)	D.C.	Richardson, Lulu Clabough (Univ.)	D.C.
B.S. 1932, The George Washington University		Richardson, Marie E. (Jun. 24)	Ark.
Remsburg, Ruth K. (Univ.; Ed., A.M.)	Md.	Richardson, Eleanor Louise (Univ.)	Colo.
B.S. 1927, Hoot College		A.B. 1926, University of Colorado	
A.M. 1933, Gallaudet College		A.M. 1932, University of Denver	
Renfrew, Julia H. (Jun. 21)	Pa.	Richman, Thomas Lefoy (Univ.)	Idaho
Repetti, Rita Teresa (Jun.)	D.C.	Richmond, Claude M. (Ed., A.M.)	Va.
Repetti, Rosemary Gertrude (Jun. 36)	D.C.	B.S. 1924, College of William and Mary	
Reinick, Marcus (Col. 09)	D.C.	Richmond, David Walker (Law II)	Kans.
Revilla, Antonio Gonzalez (Med. III)	Panama	Richmond, Hilda W. (Col., A.M.)	D.C.
Rex, Louise Mary (Govt. 60)	Mont.	A.B. 1928, The George Washington University	
Reyburn, Maury (Jun. 30)	D.C.	Richrer, Clara E. (Govt., A.M.)	Mo.
Reyes, Simplicio E. (Col., Uncl.)	Ill.	B.S. in Ed. 1931, Central Missouri State Teachers College	
Reynolds, Charles E. (Eng. 27)	D.C.	Richwane, Isabel Mae (Jun.)	D.C.
Reynolds, Edith L. (Univ.)	Va.	Ricker, Mary Atkinson (Univ.)	D.C.
Reynolds, George E. S. (Ed. 86)	D.C.	Riddell, Tally D. (Law I)	Miss.
Reynolds, Joseph Thomas (Jun.)	D.C.	B.S.C. 1931, University of Mississippi	
Reynolds, Robert T. (Law I)	Va.	Rider, Letitia Houston (Col. 88)	Va.
Reznek, Ben (Eng. 94)	D.C.	Rider, Margaret Elizabeth (Col., A.M.)	Ill.
Reznek, Joel (Law III)	D.C.	A.B. 1934, Beloit College	
B.S. in Eng. 1932, The George Washington University		Ridgway, Frances Burke (Jun. 47)	D.C.
Reznek, Louis (Eng. 64)	D.C.	Riddlebaugh, Jack H. (Col., Uncl.)	D.C.
Rhine, George E. (Eng. 53)	D.C.	Riedel, Margaret Ann (Jun.)	D.C.
Rhine, Walter Frederick (Eng. 82)	D.C.	Riedel, Walcinima L. (Jun. 15)	D.C.
Rhinehart, Walter Leon (Col. 96)	D.C.	Ries, Dorothy Charlotte (Ed. 85)	D.C.
Rhoades, W. Taylor (Col., A.M.)	D.C.	Riffel, Edward Rudick (Law I)	Ark.
B.S. 1933, Lehigh University		A.B. 1934, Hendrix College	
Rhoads, Lee M. (Jun. 3)	Ala.	Rigby, Carol (Med. II)	Va.
Rhodes, Francis Marion (Law I)	Mo.	A.B. 1935, American University	
A.B. 1932, Southeast Missouri State Teachers College		Rigby, Clifford B. (Med. I)	Idaho
Rhine, Mary (Law I)	Ind.	A.B. 1934, University of Utah	
A.B. 1930, DePaul University		Rigby, Scott G. (Law III)	Iowa
Rhymes, Frank Riley (Jun. 52)	D.C.	Riggs, John Beverly (Jun.)	Md.
Rice, Anna (Univ.)	Md.	Riggs, William Adams (Col., A.M.)	D.C.
Rice, Bernard (Col. 77)	Ill.	B.S. 1934, The George Washington University	
Rice, Mary Evangeline (Jun. 18)	D.C.	Rightsell, C. Everett (Jun.)	D.C.
Rice, Mary Lois (Jun. 57)	D.C.	Riley, James Oliver (Jun. 102)	D.C.
Rich, Annette Beatrice (Jun.)	N.Y.	Riley, Katherine Kennard (Jun. 39)	Mo.
Rich, Joseph C. (Law I)	Idaho	Riley, Thaddeus Ambrose (Law I)	Minn.
Richard, William Abraham (Jun.)	Conn.	Ringness, Henry R. (Col. 88)	D.C.
Richard, Dalbert (Med. III)	La.	Rinker, Royden Carrington (Jun. 54)	

Riordan, Robert Callahan (Law III)	D.C.	Robinson, Tom Morris (Jun.)	N Me
B.S. in M.E. 1920, Catholic University of America		†Roche, Loretta (Univ.)	DC
Risher, Charles W. (Law II)	Ind	Roche, William Alfred (Eng. 88)	DC
A.B. 1930, Indiana State Teachers College		Rochelle, William Jennings, Jr. (Jun.)	DC
Riser, Robert P. (Law I)	Iowa	Rock, Dorothy Virginia (Col. 87)	III
A.B. 1932, Drake University		Rodick, Herbert Alfred (Univ.)	
†Ritchie, Don C. (Univ.)	D.C.	A.B. 1933, A.M. 1934, The George Washington University	DC
A.B. 1931, The George Washington University		†Rodgers, Alissa Meyer (Univ.)	Kan
Ritchie, Reeves E. (Univ.)	Ark.	Rodgers, Isabelle (Jun.)	Ten
Rittenour, John Russell (Jun. 47)	D.C.	Rodriguez, Ruben (Jun. 20)	RI
†Ritter, Emily Knight (Law II)	D.C.	Roe, Austin G. (Jun. 16)	Va
A.B. 1934, Cornell University		†Roe, Edward Thomas (Col., A.M.)	
Reese, John Henry, Jr. (Eng. 30)	Va.	B.S. 1933, The George Washington University	Me
Roark, Lottie (Jun. 6)	Wash.	Roeder, Carl Henry (Eng. 81)	Me
†Robb, Olive Harris (Univ.)	D.C.	Rogers, Arthur Leon (Col., A.M.)	
A.B. 1935, Holding College		A.B. 1934, The George Washington University	Mag
A.M. 1916, University of Illinois		†Rogers, Clara Belle (Col. 81)	DC
Robb, Theodore (Ed. 109)	Md.	†Rogers, Erlene Mae (Jun.)	DC
Robbins, Nathan (Med. IV)	N.Y.	Rogers, Frances Hume (Ed. 113)	W Va
A.B. 1930, Syracuse University		Rogers, Hamilton A. (Jun., Uncl.)	Ark
A.M. 1931, The George Washington University		Rogers, Jephtha Scott (Law II)	
†Roblins, Vernon Fiske (Univ.)	D.C.	A.B. 1934, University of Arkansas	Ind
A.B. 1931, American University		Rogers, John Howard (Eng. 113)	DC
†Roberson, Eleanor (Univ.)	D.C.	†Rogers, Margaret Mary (Univ.)	VI
B.S. 1931, Wilson Teachers College		Rogers, Marie Elois (Univ.)	W Va
Roberts, Charles E. (Law I)	Calif.	Rogers, Mildred E. (Univ.)	DC
B.S. 1931, University of Oregon		Rogers, Wilbur (Law I; Univ.)	
Roberts, Elton (Col. 60, Law I)	Okla.	B.S. 1908, University of Chicago	DC
Roberts, Esther A. (Jun. 21)	D.C.	Rogerson, Bruce St. John (Law I)	Wash
Roberts, Eugene Joseph (Law II)	D.C.	Rogge, Edgar A. (Med. IV)	DC
B.S. 1930, University of Maryland		B.S. 1931, University of Washington	DC
Roberts, Franklin B. (Jun. 6)	D.C.	Rolfe, Donald Earl (Jun.)	DC
Roberts, Helen K. (Col. 67)	D.C.	Roller, Jane Wenonah (Jun.)	Pa
Roberts, James Auburn (Law II)	D.C.	Romano, Vincent Pasquale (Univ.)	W Va
Graduate 1921, U.S. Naval Academy		†Romeo, Joseph Paul (Jun. 33)	Uncl
†Roberts, Margaret E. (Jun.)	Okla.	Romis, Clyde Edison (Jun. 42)	Mont
†Roberts, Mildred LaVerne (Jun.)	D.C.	Romney, Charles Wileken (Law I)	Wash
Robertson, Douglas H. (Eng. 66)	Mich.	Romney, Kenneth, Jr. (Univ.)	Ill
Robertson, Edward D. (Govt. 88)	Iowa	Ronken, Florence Mabel (Jun.)	
†Robertson, Geraldine Beatrice (Univ.)	D.C.	Rose, Mary Elizabeth (Law II)	
Robertson, James C., Jr. (Eng. 62)	D.C.	A.B. 1934, The George Washington University	DC
Robertson, John William (Jun. 58-5)	Md.	Rosenbaum, Julius (Jun. 54)	N
Robertson, Magnus Florence (Jun. 93)	Va.	†Rosenberg, Anne (Univ.)	
Robins, Albert Irving (Jun. 35)	D.C.	B.S. 1913, New Jersey College for Women	DC
Robins, LeRoy (Med. I)	D.C.	Rosenberg, Maurice D., Jr. (Law I)	DC
Robinson, Cecil Falso (Law I)	Ma.	Rosenberg, Morris Hirsch (Jun.)	NH
A.B. 1931, Colby College		†Rosenberg, Theodore (Univ.)	NY
Robinson, Elizabeth Winona (Ed., A.M.)	D.C.	Rosenbluth, Harry (Col. 81)	NY
A.B. 1931, The George Washington University		†Rosenberg, Everett Reynolds (Univ.)	
†Robinson, A. Randolph (Jun. 120)	Ohio	E.E. 1924, Rensselaer Polytechnic Institute	
Robinson, James Barnham (Eng. 83)	D.C.	LL.B. 1933, The George Washington University	DC
†Robinson, Lucy Alma (Univ.)	Va.	†Rosendorf, Marion Eunice (Ed., A.M.)	
†Robinson, Marie Elizabeth (Univ.)	D.C.	A.B. 1933, The George Washington University	DC
Robinson, M. Lucille (Univ.)	Miss.	Rosenthal, Helen Shirley (Jun.)	DC
Robinson, Murry M. (Med. IV)	D.C.	Rosenthal, Leonore (Jun. 33)	
A.B. 1931, The George Washington University			
Robinson, Raymond Bennett (Univ.)	D.C.		

Students Registered

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Rosenzweig, Martin Ralph (Univ.)	N.Y.	†Rudiger, Imogene Ickis (Univ.)	D.C.
Rosenzweig, William (Col., A.M.)	N.Y.	A.B. 1922, A.M. 1923, The George Washington University	
Ross, 1934, Brooklyn College		Ruhl, Charles George (Univ.)	D.C.
Ross, Carey O. (Govt. 75)	Va.	†Rule, Walter Edwin (Law D.)	N.Mex.
†Ross, Culbertson Whitfield (Univ.)	Mich.	B.S. in Ch.E. 1928, M.S. 1933, University of California	
B.S. 1926, Alma College		Ruley, Henry Brockmeyer (Col. 95)	Ky.
A.M. University of Michigan		Rumerman, Herbert (J. 31)	D.C.
Ross, George J. (Law II)	Utah	Rumsey, Frances Eunice (Jun. 69)	Md.
†Ross, James Robert (Jun. 24)	Ark.	Ruppert, Charles Louis, Jr. (Jun. 4)	D.C.
Ross, Louis (Med. II)	D.C.	Ruppert, M. Chre (Law I)	D.C.
Ross, Veron Bishop (Jun. 22)	S.C.	Rush, Eugene Alvan (Law I)	Tex.
Ross, William Bradford (Law I)	D.C.	A.B. 1923, University of Texas	
Ross, William Sanford (Jun. 4)	D.C.	Russell, Armistead Goble (Jun. 60)	Va.
Ross, Winifred Nichols (Jun., Uncl.)	D.C.	Russell, Beatrice M. (Ed., Uncl.)	D.C.
Rossmann, Richard H. (Law I)	D.C.	†Russell, Everett James (Jun. 46)	D.C.
B.S. 1934, Northwestern University	Ill.	Russell, Frank B. (Law III)	Ala.
†Rorbert, David (Eng. 62)	D.C.	Russell, Gerald Eugene (Eng.)	D.C.
Rore, Max W. (Govt. 75)	D.C.	Russell, Myrtle Ellen (Univ.)	N.Dak.
†Roth, George M. (Univ.)	D.C.	Russo, Carl (Jun. 81)	D.C.
Roth, Margaret Laura (Univ.)	Ohio	Russolillo, Francis Edward (Med. III)	Conn.
Rothstein, Miriam Thelma (Col., A.M.)	D.C.	Rutherford, Henry A. (Col., A.M.)	W.Va.
A.B. 1934, The George Washington University		B.S. 1931, Davis and Elkins College	
Roudabush, Dorothy King (Jun. 10)	D.C.	†Rutherford, Margorie Bennett (Univ.)	D.C.
Rountree, George S. (Law I)	Ga.	B.S. 1931, Davis and Elkins College	
Rouse, Mary Rosella (Ed., A.M.)	Va.	Rutledge, Irvine Hart (Law II)	Pa.
A.B. 1927, The George Washington University		A.B. 1933, Princeton University	
Rome, Sara Pierce (Ed. 126)	D.C.	Raymann, William Gladstone (Law I)	Nev.
†Rout, Audrey (Univ.)	D.C.	A.B. 1929, University of Southern California	
B.S. 1933, Wilson Teachers College		Ryan, Anna-Ruth, (Cal. 65 66)	Mich.
Routen, Joseph Reed (Col., A.M.)	Va.	Ryan, Thomas John (Jun.)	Neb.
S.S. 1912, Mississippi State College		†Rydel, Raymond August (Univ.)	Calif.
Rowe, Burrell (Jun. 12)	Tex.	Ryder, Lois Olive (Jun. 35)	Ohio
Rowe, E. Romaine (Law I)	Wis.		
A.B. 1927, A.M. 1928, University of Wisconsin			
†Rowe, Gladys (Univ.)	N.C.		
†Rowe, Rachel (Univ.)	Ala.		
Rowe, Shirley (Jun.)	D.C.		
Rowland, Henry Cottrell (Univ.)	D.C.		
Royal, Virginia Nell (Col. 93)	Md.		
Royce, John Frederick (Eng. 21)	Kv.		
Royer, Catherine Elizabeth (Univ.; Ed. 99)	Ill.		
†Rozelle, Hugh Edward (Jun. 30)	Ala.		
Ruene, Melvin (Eng.)	Conn.		
Rubenstein, Jacob H. (Law I)	Va.		
B.S. 1916, Columbia University			
Rubenstein, Rita Lillian (Col. 60)	D.C.		
Rubin, Abraham (Jun. 30)	D.C.		
†Rubin, Anna (Jun.)	D.C.		
Rubin, David (Jun. 38)	D.C.		
Rubin, Hannah (Jun. 21)	N.Y.		
†Rubin, Henry (Jun.)	D.C.		
Rubin, Jack Irwin (Jun.)	D.C.		
Rucker, Peggy F. (Jun.)	Va.		
Rudd, Shirley Elmore (Univ.)	S. Dak.		
Rudd, Elizabeth Draper (Col. 70)	Md.		
†Rudner, Cecil (Med. II)	N.Y.		
A.B. 1933, The George Washington University			
Rudner, Nathan (Med. II)	N.Y.		

Sams, Ona Lee (Univ.)	D.C.	†Schellenberg, Milton Alexander (Jun. 19)	D.C.
Samuel, Jay Loeb (Jun.)	D.C.	†Schenkel, Frederick George (Univ.)	D.C.
Samuel, Samuel Loewy (Law II)	D.C.	†Schenkel, Leonard Frederick (Univ.)	Pa.
A.B. 1934, The George Washington University		Schepmoes, Douglas Fox (Jun. 26)	Ind.
†Samuels, Ruth Marjorie (Jun.)	D.C.	Scher, Edwinna Etta (Jun.)	D.C.
Sanchez, Venustiano C. (Jun.)	N.Mex.	Scherb, Louis H., Jr. (Jun. 49)	Ind.
Sandall, Eleanor Tripp (Law I)	D.C.	Scherer, Bernadine (Jun. 36)	
Ph.B. 1922, University of Chicago		Scherer, Rhodes Kaufman (Col., A.M.)	
Sander, Sophia Martha (Col. 97)	N.I.	A.B. 1933, Evansville College	
†Sanders, William (Univ.)	D.C.	Schermerhorn, Lee R. (Eng. 106)	
A.B. 1928, Stanford University		†Schetky, Ethel Jane Mel (Univ.)	
Sandomire, Marion Manfred (Univ.)	N.Y.	Schicker, Edward B., Jr. (Col. 64)	
A.B. 1930, Hunter College		Schlecht, William George (Col. 109)	
Santa, William Hopp (Law I)	W.Va.	Schlottzauer, Wesley (Law I)	
A.B. 1911, University of Pennsylvania		Schmeltz, Mary Olive (Jun.)	
†Sanford, Phyllis Gusta (Jun.)	D.C.	Schmidt, Miriam Elizabeth (Law I)	
†Sanger, Frank de Wolfe (Col., A.M.)	Md.	Schmidt, Regina M. (Univ.)	
A.B. 1934, Princeton University		B.S. 1933, The George Washington University	
Sangster, George Edward (Eng. 30)	D.C.	Schmidt, Walter Theodore (Law III)	
Sangster, Harold Lee (Eng. 70)	D.C.	A.B. 1932, The George Washington University	
Sannick, Norville Harrison (Law I)	Mo.	Schmitt, Karl, Jr. (Jun.)	
A.B. 1932, The George Washington University		Schnautz, John Otto (Ed. 85-35)	
†Sansbury, Donald Nelson (Jun. 24)	Md.	†Schneider, Natalie H. (Jun., Uncl.)	
Sapp, Carl Robert (Jun. 12)	Ill.	Schneider, Robert H. (Jun. 54)	
Sapp, Robert Asa (Law III)	Ga.	Schoenfelder, Otto W. (Law I)	
Sargent, William F. (Govr., Uncl.)	Iowa	A.B. 1933, The George Washington University	
Sargent, William Hall (Law I)	N.Mex.	Schoenherr, Angela Horton (Col. 94)	
A.B. 1933, The George Washington University		Schofer, Arthur J. (Law III)	
†Sasnett, John Kramer (Eng. 77)	D.C.	Schofield, Helen Louise (Jun. 40)	
†Sassaman, Rose M. (Univ.)	D.C.	Schomburg, Martha Lucile (Univ.)	
†Sather, Kristie (Univ.)	Alaska	Schonfeld, Milton (Univ.)	
†Satterfield, James Francis (Jun.)	D.C.	Schreiber, H. Ruth (Col., A.M.)	
Saudley, Franklin DeWitt (Col. 82, Law I)	Va.	A.B. 1933, Searratt College	
Saugstad, Edgar V. (Jun. 18)	D.C.	†Schreiber, Hollis William (Jun. 27)	
†Saulmon, Edna L. (Jun. 17)	D.C.	Schreiber, John Otto (Col. 100)	
Saunders, Austin Carter, Jr. (Eng. 95)	D.C.	Schreiber, William (Col. 90)	
†Saunders, Donald Hood (Eng. 40)	D.C.	Schreiner, Oswald, Jr. (Col. 110-66)	
Saunders, Earle Barker, Jr. (Jun. 40)	D.C.	Schrimsher, Rice Emmett (Univ.)	
Saunders, Gertrude Flora (Jun.)	D.C.	Schroyer, Rodney Trenton (Jun.)	
Saunders, Harold (Grad.)	D.C.	Schuck, Jan Louise (Jun. 46)	
A.B. 1922, Miami University		Schucker, Louis Ezra, Jr. (Univ.)	
A.M. 1929, University of Florida		†Schulman, Cyril Augustus (Jun.)	
Saunders, Robert M. (Jun. 30)	Va.	Schult, Verna May (Col., A.M.)	
Saunders, Walton Norman (Jun. 71)	D.C.	A.B. 1934, The George Washington University	
Sawelle, Matthew Trimble (Jun. 25)	D.C.	Schult, Veryl Gladys (Col., A.M.)	
Sawyer, George H. (Law II)	Idaho	A.B. 1927, University of Wisconsin	
B.B.A. 1931, University of Washington		Schulte, Charles Anthony (Eng.)	
†Schaaf, Betty (Univ.)	D.C.	Schwab, Frank Wilbur (Col., A.M.)	
M.S. 1927, Columbia University		B.S. 1932, The George Washington University	
†Schaaff, John T. (Univ.)	Va.	Schwab, Kathryn Elizabeth (Col. 101)	
†Schaffer, D. Jeanette (Jun. 9)	Calif.	Schwalm, Harry A. (Jun.)	
Schaffer, Paul S. (Eng. 106)	Pa.	Schwartz, Harry (Jun. 73)	
Schapiro, Mark Meyer (Med. I)	Panama	Schwartz, Irving (Law I)	
A.B. 1934, Johns Hopkins University		Schwartz, Jean (Jun. 86)	
†Scharr, Harry Ashton (Univ.)	D.C.	Schwartz, Philip Leaman (Jun.)	
Schattinger, Anna (Jun. 100)	Md.	Schwartz, Sylvia Teresa (Ed., A.M.)	
†Schayer, Max Edward (Univ.)	D.C.	A.B. 1934, The George Washington University	
Schayer, Richard William (Jun.)	D.C.		
Schedler, Dean L. (Jun. 30)	Okla.		
Scheer, Margaret Ernestine (Jun.)	Iowa		

Students Registered

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Schwartzmann, Theodore W. (Eng., Uncl.) Mass. B.S. 1931, University of Maine		Shadel, Willard E. (Univ.) A.B. 1933, Emmanuel Missionary College	D.C.
Schelli, Anthony Joseph (Med. IV) A.B. 1931, St. John's College, Md.	N.Y.	Shafer, Bertha Betty (Jun.)	Md.
Scott, Francis Patrick (Col., A.M.) B.S. 1934, The George Washington University	Mich.	†Shaffer, Velina Esther (Jun. 33)	Ohio
Scott, James M. (Jun.)	D.C.	‡Shank, Donald J. (Col., A.M.) A.B. 1931, University of Akron	Ohio
Scott, Jean V. (Univ.)	D.C.	Shannon, Nelle (L.S., Uncl.) A.B. 1934, Ohio University	D.C.
Scott, Letha Marcella (Jun. 59)	Wyo.	Shapiro, Beatrice (Jun. 9)	D.C.
Scott, Marian E. (Ed. 87)	Ill.	Shapiro, David T. (Univ.)	Conn.
Scott, Oma Battaille (Univ.)	Md.	Shapiro, Frank (Med. III)	N.Y.
Scott, Tom L. (Jun., Uncl.)	D.C.	A.B. 1932, The George Washington University	
Scott, Walter L. (Univ.)	Ind.	Shapiro, Harry G. (Eng. 69)	Md.
Scott, Wilford Charles (Govt., A.M.) B.S. 1934, Juniata College	D.C.	Shapiro, Irving (Med. I)	N.J.
Scriven, C. Elizabeth (Univ.)	D.C.	Shapiro, Morris Lewis (Jun. 39)	D.C.
Scrivener, Elizabeth Baltz (Law I) A.B. 1934, The George Washington University	D.C.	Shapiro, Nathan (Jun.)	D.C.
Scrivener, John Thomas (Jun.)	D.C.	Shapiro, Paul (Univ.)	D.C.
Scrivener, Margaret E. (Jun.)	Va.	†Shapter, Agnes Fitzhugh (Univ.)	Wash.
Scrivener, Milton Emmons (Jun. 39)	D.C.	Sharp, Robert Keith (Eng. 106)	Md.
Scrivener, Samuel, Jr. (Law, Uncl.) E.M. 1927, Lehigh University	D.C.	Shauk, Ruth Elmer (Jun. 69)	Md.
Scully, Charles Burleigh (Govt. 94)	Mass.	Shaw, Catherine Louise (Ed., A.M.) A.B. 1930, The George Washington University	
Scully, James Henry (Ed., Ed.D.) Ph.B. 1933, A.M. 1934, Niagara University	D.C.	Shaw, Dwight Thayer (Univ.)	Idaho
Seal, Charles Bernard (Law I) A.B. 1933, A.M. 1934, Butler University	Ind.	Shaw, Edgar Monroe, Jr. (Eng. 33)	D.C.
Seal, Virginia Elizabeth (Jun. 18)	D.C.	‡Shaw Peggy (Ed., Uncl.)	D.C.
Sealfon, Ralph Thomas (Jun.)	D.C.	Shaw, Thomas M. (Col. 81)	Pa.
Sealock, Robert Ridgely (Grad.) B.S. 1930, Eureka College	Ill.	Shawen, Russell T. (Eng. 75)	D.C.
M.S. 1932, University of Illinois		Shea, S. Haven (Med. III) A.B. 1933, The George Washington University	D.C.
Seaman, Cherie L. (Jun. 91)	D.C.	†Sheetz, J. Donald (Jun. 39.5)	Mo.
Seaman, Virginia (Jun.)	D.C.	†Sheffield, Arie E. (Univ.)	D.C.
Seaton, Donald Franklin (Jun. 49)	Wash.	Sheffield, Elbert J. (Law I) A.B. 1934, University of Utah	Utah
Seavey, James Thomas (Col. 70)	D.C.	Sherris, John Slater (Eng. 98)	Md.
LL.B. 1931, LL.M. 1933, Georgetown University	D.C.	Sheldon, Helen (Col. 56)	D.C.
Seay, Charles (Law I)	D.C.	‡Shelley, Edna E. (Jun. 33)	N.Y.
A.B. 1934, University of Maryland		Shelton, Elsie Talbert (Col., A.M.) A.B. 1927, The George Washington University	Md.
Seckley, Byron M. (Univ.)	Md.	Shelton, Mary Louise (Jun.)	D.C.
Sehorn, John Thomas (Jun.)	Conn.	Shelton, Steven Turner (Col. 91)	Va.
Seifert, Louise Mae (Jun. 32)	D.C.	Shepard, Bessie (Jun.)	Fla.
†Selmer, Louise M. (Univ.)	Pa.	Shepard, Lily Lykes (Jun.)	Md.
Selza, Frances (Univ.)	Kans.	Shepard, Charles Perry (Col. 67)	D.C.
Selzer, Morris (Jun. 18)	Minn.	†Shepherdson, Ruth Elizabeth (Jun.)	Va.
Shembower, John Franklin (Law I) A.B. 1934, Indiana University	Nev.	Shepler, Winifred M. (Col. 102)	D.C.
Seutz, Arthur Fred (Eng.)	Ind.	Sheppa, Milton Albert (Eng. 86)	Pa.
Seutts, Nancy Harrison (Jun.)	D.C.	†Sheppard, Esther (Univ.)	D.C.
Sessions, Ruth W. (Univ.)	Va.	Sheppard, Helen Bailey (Jun., Ind.)	Pa.
Serle, Cooke (Eng., Uncl.)	D.C.	Sherrands, Donald J. (Univ., Law III) A.B. 1930, Ohio Wesleyan University	
Serle, Russell (Col. 75)	Tenn.	A.M. 1931, American University	D.C.
Seydel, Morris M. (Col. 60)	D.C.	Sherris, Helen R. (Law II)	D.C.
	N.Y.	Sherry, Laurence P. (Law III) A.B. 1933, The George Washington University	
		Sherry, Raphael (Law III) A.B. 1933, The George Washington University	D.C.

- *Sherier, Elizabeth (L.S. 117)
 Sherier, Martha Strayer (Jun. 24)
 Sherier, Mary Calhoun (Jun. 10)
 Sherman, Oscar Louis (Jun. 32)
 Sherrill, George Levi, Jr. (Jun., Uncl.)
 †Shew, James E., Jr. (Jun.)
 Shewmaker, Lilian Alice (Univ.)
 A.B. 1924, A.M. 1925, The George Washington University
 Shewmaker, Roberta (Univ.)
 A.B. 1930, The George Washington University
 A.M. 1934, Columbia University
 Shewmaker, Russell N. (Jun. 33)
 †Shewmaker, Schuyler W. (Jun. 42)
 Shields, Owen Williams (Law I; L.S., Uncl.) Pa.
 A.B. 1934, Taylor University
 †Shilland, William Robert (Jun.)
 Shilling, Katherine (Law II)
 A.B. 1928, Wellesley College
 †Shinker, Marceline G. (Ed. 82.66)
 Shinn, Leo Allen (Col., A.M.)
 A.B. 1930, University of Arkansas
 Shinn, Vivien B. (Univ.)
 †Shipley, Anna S. (Univ.)
 Shippen, Margaret Joan (Jun.)
 Shirley, J. Dallas (Jun. 77)
 †Shishkin, Boris Basil (Law I)
 A.B. 1930, Columbia University
 †Shisler, Clair Wayne (Univ.)
 Shives, Vallora Lee (Jun. 18)
 Shoemaker, Hazel Pauline (Ed. 95)
 Shoemaker, William Henry (F.A. 94)
 Sholtz, Joseph (Jun.)
 Shorey, Elizabeth Frances (Univ.)
 †Shorey, John C. (Ed., A.M.)
 A.B. 1932, The George Washington University
 Short, James J. (Jun.)
 Short, Morris R. (Jun. 46)
 Shostack, Robert (Jun. 106)
 †Shostack, Sylvia (Jun.)
 Shotwell, James Lewis (F.A. 87.50)
 Shoub, Harry (Jun. 61)
 †Shoub, Rose (Univ.)
 Shouse, John Henry (Law II)
 A.B. 1931, Berea College
 †Shouse, Marion E. (Univ.)
 †Showman, Fred H. (Col. 87)
 Shull, Francis M. (Univ.)
 A.B. 1934, Cornell University
 †Shulman, Ethel (Ed. 111)
 Shuman, Sydney Joseph (Jun. 30)
 Shupenia, Albert W. (Jun.)
 Shurtliff, Alfred J. (Med. I)
 Shuttleworth, Carolyn (Jun. 10)
 Sibbet, James Harper (Eng. 12)
 Sibbet, Laing W. (Jun. 15)
 Siciliano, Anthony (Jun. 45)
 Sickler, Donald Reginald (Med. II)
 A.B. 1930, The George Washington University
 Siders, Edith Margaret (Jun. 4)
 Sides, Donald Hilary (Eng. 78)
 Siebecker, Virginia LaFollette (Jun. 45)
 Sieg, Mildred C. (Jun. 67)
 Siegel, Benjamin (Eng. 77)
 Siegel, Harold (Jun. 51)
 †Siegel, Harry (Jun. 44)
 Siegel, Victor (Med. III)
 Siegfried, Myrtle Margaret (Med. II)
 †Siegrist, Marie Louise (Univ.)
 A.B. 1932, A.M. 1934, The George Washington University
 †Siferd, Mabel N. (Univ.)
 Siferd, Willis S., Jr. (Law II)
 A.B. 1931, Dartmouth College
 Sifferd, Robert Harris (Grad.)
 A.B. 1931, M.S. 1932, University of Illinois
 Siffrin, Susie U. (Ed., A.M.)
 A.B. 1917, Blue Ridge College
 Sigal, Jules (Jun. 33)
 Siggers, Edward (Jun. 24)
 Sikos, Ena Louise (Jun. 56)
 Sillings, Norval Earle (Jun. 24)
 Silver, Cecelia (Ed. 99)
 Silverman, Ervin (Univ.)
 Silverman, Meyer (Jun. 92)
 †Silverman, Ross Leo (Jun. 10)
 Simayes, Reney Van (Jun. 9)
 Sims, Robert M. (Eng. 50)
 Simkowitz, Sidney (Jun. 32)
 Simmers, Richard (Eng.)
 †Simmons, Charles Harrison (Jun.)
 D.C. Simmons, Hargis W. (Univ.)
 D.C. †Simmons, Ruth Alice (Univ.)
 D.C. Simon, Albert C. (Jun. 51)
 †Simon, Colia (Jun., Uncl.)
 Simon, Clarence (Col. 85)
 Simon, Leon (Law III)
 B.S. 1930, University of Illinois
 †Simon, Melvin Martin (Jun. 39)
 Simons, Dorothy Belle (Jun.)
 Simpson, Berry Barber (Jun.)
 Simpson, Donald James (Law III)
 B.S. in E.E. 1929, E.E. 1930, Northwestern University
 Simpson, Faust Y. (Law I)
 †Simpson, O'wighton D. (Law I)
 †Simpson, William H. (Eng. 24)
 Sims, Chaile P. (Law I)
 Sims, Norman E., Jr. (Jun. 10)
 †Sinclair, Dohrman James (Law I)
 B.S. 1928, Dartmouth College
 Sinclair, Lee D. (Law I)
 Sinclair, Maurice Orion (Jun. 36)
 Singeltary, Marion Pitt (Univ.)
 Sink, William Francis (Jun.)
 †Sinkov, Abraham (Univ.)
 B.S. 1927, College of the City of New York
 A.M. 1929, Columbia University
 Ph.D. 1933, The George Washington University
 Sipkin, Chester (Jun. 68)

Students Registered

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Granny, Philip E. (Med. I)	Pa.	Smith, F. Willis (Med. II)	N.J.
Suco, Adele (Jun. 45)	D.C.	†Smith, Frederick Theodore (Jun.)	N.J.
Suco, Anthony Vernon (Med. IV)	N.Y.	†Smith, George (Univ.)	N.J.
Sulzer, Donald Grant (Jun.)	D.C.	Smith, Gerald Gay (Law II)	Utah
Sutton, Harold Edward (Med. I)	Va.	B.S. 1931, University of Utah	
Sutton, Floyd Weldon (Law III)	Tex.	Smith, Gertrude Bain (Ed., A.M.)	D.C.
A.B. 1928, Simmons University		A.B. 1933, The George Washington University	
Szemore, Claude (Eng., Uncl.)	Ala.	Smith, Guerry R. (Law I)	D.C.
B.S. in M.E. 1920, Alabama Polytechnic Institute		†Smith, H. Albert (Law I)	Mo.
Sisco, Joseph A. (Law I)	Calif.	Smith, H. Hewlett (Col. 66)	Ga.
A.B. 1934, The George Washington University		Smith, Herbert F. (Col. 91-33)	D.C.
†Skoblow, Pauline (Col., A.M.)	N.Y.	Smith, Hugh C. (Jun. 54)	D.C.
A.B. 1932, Hunter College		Smith, Ida Fay (Jun.)	D.C.
Skoutelsky, Boris (Law I)	N.J.	†Smith, James Bob (Univ.)	D.C.
†Skowronek, Paul George (Jun.)	Pa.	Smith, James Sermon (Law II)	Utah
Sladen, William Milton (Univ.)	D.C.	B.S. 1929, Utah State Agricultural College	
A.B. 1933, A.M. 1929, The George Washington University		†Smith, Jane (Jun.)	Ill.
†Slade, Kathryn L. (Univ.)	D.C.	Smith, John Beverly (Med. III)	D.C.
†Slater, Jane (Univ.)	D.C.	A.B. 1933, The George Washington University	
Slater, John William, Jr. (Jun.)	Utah	Smith, John George, Jr. (Law I)	N.Y.
Slater, Susan Patricia (Jun.)	D.C.	†Smith, John Lupton (Jun. 21)	Ohio
†Slattery, Francis Joseph (Univ.)	D.C.	Smith, John Millard (Govt. 76)	M.J.
†Slayton, Nancy Alton (Govt., Uncl.)	Mo.	Smith, John Wallace (Univ.; Law II)	Ohio
Slieum, Theodore D. (Med. I)	N.Y.	†Smith, John Warren, Jr. (Univ.)	Fla.
A.B. 1934, Cornell University		†Smith, John William (Law I)	Utah
Smalley, Henry S. (Law I)	Idaho	B.S. 1934, University of Utah	
A.B. 1934, The George Washington University		Smith, Jonas Milton (Col. 84)	D.C.
Smart, Herbert Frank (Law I)	Utah	L.L.B. 1922, L.L.M. 1923, Georgetown University	
†Smart, Thomas (Jun. 48)	Okla.	Smith, Joseph C. (Col. 63)	Mont.
Smulgin, Victor Edward (Med. IV)	D.C.	†Smith, Joseph P. (Univ.)	D.C.
†Smulow, Ann (Univ.)	D.C.	Smith, Kathryn H. (Ed. 119)	Mont.
Smith, Andrew Jackson (Jun. 32)	Tenn.	Smith, Lester Allan (L.S., A.M.)	Okla.
Smith, Ann Clara (Univ.)	Colo.	A.B. in L.S. 1932, The George Washington University	
Smith, Baxter (Eng. 159)	D.C.	Smith, Lester Thomas (Law I)	Pa.
Smith, Bedford K. (Univ.)	Va.	A.B. 1934, Muhlenberg College	
Smith, Bertha Merriam (Law III)	Pa.	Smith, M. Louise (Jun.)	N.J.
A.B. 1930, Goucher College		†Smith, Margaret Jane (Jun. 5-33)	D.C.
†Smith, Betty Anne (Jun. 27)	D.C.	Smith, Marie Annabelle (Jun. 94)	D.C.
Smith, C. Ronald (Med. IV)	Utah	Smith, Marie Jane (Jun. 15)	Kans.
B.S. 1929, Utah State Agricultural College		Smith, Mary Allen (Col. 98)	Ala.
Smith, Carl H., Jr. (Jun.)	Ill.	Smith, Mary Elizabeth (Ed., A.M.)	D.C.
Smith, Carl Harrison, Jr. (Eng. 46)	W.Va.	A.B. 1933, The George Washington University	
†Smith, Carleton Francis (Jun., Uncl.)	Conn.	Smith, Mary Haley (Jun. 72)	Tenn.
Smith, Clyde Willard (Jun. 54)	Ill.	Smith, Mary Nell (Jun.)	D.C.
Smith, Derryfield N. (Jun. 36)	Utah	Smith, Mary P. (L.S., A.M.)	W.Va.
Smith, DeWitt C. (Univ.)	Utah	A.B. 1933, The George Washington University	
B.S. 1930, M.S. 1933, Utah State Agricultural College		†Smith, Milton Albert (Univ.)	D.C.
Smith, Dorothy F. (Govt. 95)	Va.	Smith, Paul Emerson (Jun. 66)	M.J.
†Smith, Dorothy Frances (Col. 69)	Calif.	†Smith, Percy Hilton (Univ.)	D.C.
Smith, Dorothy Kuder (Ed. 95-66)	Va.	†Smith, Phillips (Univ.)	M.J.
Smith, Dorothy Millicent (Ed., A.M.)	D.C.	B.S. 1933, Princeton University	
A.B. 1929, The George Washington University		Smith, Robert L. (Jun.)	Ark.
†Smith, Dorothy Olive (Jun. 70)	Tex.	Smith, Ruth (Ed., A.M.)	D.C.
Smith, Edward Alfonso (Jun.)	D.C.	A.B. 1927, The George Washington University	
†Smith, Egerton (Univ.)	D.C.	†Smith, Schubert Ely (Jun. 15)	N.Y.
Smith, Elizabeth Newsom (Ed. 98)	D.C.		

Smith, Shelton A. (Univ.)	D.C.	Spalding, Ansley Lues (Jun. 32)	D.C.
Smith, Sidney Butler (Univ.)	D.C.	†Spalding, Paul Lester (Jun. 78)	D.C.
A.B. 1914, Williams College		Spangler, Mary C. (Ed., A.M.)	
Smith, Vernon Kenneth (Law I)	Idaho	B.S. 1933, The George Washington	
Smith, Waller Barrett (Law III)	Va.	University	
A.B. 1931, William and Mary College		Sparks, Floyd L. (Col. 98.66)	
Smith, William Andrew, Jr. (Eng. 97)	D.C.	Spasoff, Beatrice V. (Jun. 59)	
Smitskamp, Gerhard F. (Jun. 92.5)	D.C.	†Spawn, Josephine Marsh (Univ.)	
Smoot, Charles Effinger (Law III)	Pa.	Spear, William W. (Law I)	
A.B. 1933, The George Washington		A.B. 1933, University of Nebraska	
University		†Speckman, Mildred (Jun.)	
*Smoot, H. Kenneth (Col., A.M.)	D.C.	Spellbring, William Bernard (Jun. 32)	
A.B. 1931, The George Washington		Spellman, Reuben (Eng. 45)	
University		Spellman, Mary Virginia (Jun. 58)	
Smythe, Donn Verner (Law III)	Ill.	Spence, John McC. (F.A. 62)	
M.E. 1928, Cornell University		Spencer, David Crismon (Law II)	
Snell, Alvin Bain (Univ.)	Va.	A.B. 1930, University of Utah	
†Snider, Ellen Frances (Univ.)	D.C.	Spencer, Melville Wright (Univ.)	
B.S. 1931, Wilson Teachers College		Spencer, Nathaniel Roscoe (Jun. 32)	
†Snodgrass, Grace Leona (Col., A.M.)	Okla.	Spencer, Roland Browning (Jun. 57)	
B.S. 1911, Oklahoma College for		Spicknall, Charles G. (Med. III)	
Women		Spinks, Almon W. (Eng. 61)	
Snodgrass, Walter McC. (Jun.)	Ark.	†Spire, Louise Arvilla (Univ.)	
Snow, Alvah L. (Law II)	Mo.	A.B. 1929, Goucher College	
Snow, Lee B. (Col. 77.66)	Ohio	Spire, Richard Harding (Med. II)	
Snow, Margaret (Jun. 19)	Md.	Spirito, Michael William (Med. III)	
Snow, Paul Vincent (Jun. 27)	D.C.	B.S. 1932, The George Washington	
Snow, R. Dale (Law III)	Utah	University	
Snow, Richard Higgins (Jun. 92)	Mass.	Spittle, Samuel Edwin (Univ.)	
Snow, William Boylan, Jr. (Law I)	N.C.	B.S. 1928, Oregon State Agricultural	
A.B. 1911, University of North		College	
Carolina		Spivak, Joseph Harry (Law II)	
*Snowberger, Garnet (Col. 114)	Ind.	†Splan, Margaret Mary (Jun.)	
Snyder, Albert Ralph (Law III)	D.C.	Springer, Morris (Med. IV)	
Snyder, John Franklin (Jun.)	D.C.	A.B. 1930, University of Alabama	
Snyder, Kenneth (Jun.)	N.Y.	M.S. 1932, New York University	
†Snyder, Louis M. (Law I)	Ohio	Springman, Helen D. (Col., A.M.)	
Snyder, Luther Henry (Med. IV)	D.C.	A.B. 1931, The George Washington	
A.B. 1911, Gettysburg College		University	
Snyder, Mary Ellen (Ed., Ed.D.)	D.C.	Spund, Ellen June (Jun. 30)	
A.B. 1928, M.S. 1929, The George		†Squire, Minnie Compton (Univ.)	
Washington University		A.B. 1922, A.M. 1928, The George	
Snyder, Samuel S. (Jun. 65)	D.C.	Washington University	
Sobriño, José (Col. 70)	P.R.	†Stadden, Mary Alice (Univ.)	
†Solberg, Arnold Bernard (Jun.)	Ill.	A.B. 1934, The George Washington	
Solt, Samuel James (Eng. 23)	D.C.	University	
†Sompayrac, Powell Lawrence (Jun. 40)	Okla.	Stafford, Lawrence Egbert (Col., A.M.)	
Sompayrac, Walter Alexander (Jun. 52)	Okla.	A.B. 1926, University of Minnesota	
†Sonen, Robert Wilcox (Univ.)	D.C.	†Stafford, Otis (Univ.)	
B.S. 1934, University of Maryland		Stafford, Zebulon Hopkins (Law III)	
†Sorrell, Ida Davis (Jun. 30)	Nebr.	Stalder, Roman H. (Univ.)	
Sorrell, Joseph Ellis (Col., A.M.)	D.C.	Staley, Audrey V. (Jun.)	
A.B. 1910, The George Washington		†Staley, Ethel (Univ.)	
University		A.B. 1928, University of Iowa	
Sorrell, William George (Med. III)	D.C.	Stam, Leon (Eng. 60)	
Soukaras, Komnenus Michael (Col., A.M.)	D.C.	†Stan, Francis Edward (Univ.)	
B.S. in E.E. 1928, Massachusetts		†Stanford, Arthur George (Law I)	
Institute of Technology		Graduate 1926, U.S. Naval Academy	
†South, Carl W. (Jun.)	Tex.	Stanley, Berry (Law I)	
†Southmayd, John P. (Jun.)	Mont.	A.B. 1934, William Jewell College	
†Sowers, Ruth Evelyn (Jun.)	S.C.	†Stanley, Edith Elizabeth (Univ.)	
Spadavecchia, Ralph (Jun. 85)	N.J.	Stanley, James R. (Law I)	
†Spahr, Effie Mildred (Col. 116)	D.C.	A.B. 1932, Earlham College	

Students Registered

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Stanley, Raymond E. (Jun. 53)	Fla.	†Sterns, Mabel (Jun.)	D.C.
Stanley, William S. (Law III)	Ky.	Sterrett, William Dent, Jr. (Law I)	Del.
A.B. 1931, The George Washington University		A.B. 1932, The George Washington University	
Stant, Aaronson Elwood (Eng. 15)	Va.	Sterrett, William Wilson (Law III)	Mo.
Stanton, Alfred H. (Med. III, Col. 117)	Md.	A.B. 1930, Missouri Valley College	
Stanton, Henry Edmund (Col., A.M.)	Md.	Stetson, John Francis (Eng.)	Md.
B.S. 1933, The George Washington University		†Stetson, Margaret Boyd (Univ.)	Va.
Stanton, Julia V. (Ed. 62)	Md.	A.B. 1935, The George Washington University	
†Staples, Helen DuBois (Univ.)	Va.	Steuart, Allen W. (Law I)	Va.
A.B. 1909, Bryn Mawr College		Steuart, Gordon (Univ.)	Va.
Stapleton, Timothy Robert (Jun.)	N.J.	A.B. 1933, The George Washington University	
†Starr, Arthur N. (Univ.)	D.C.	Stevens, F. Leonard (Law I)	D.C.
Starr, John Cecil (Jun. 6)	D.C.	Stevens, George Diver (Univ.)	Mich.
†Starr, Silas F. (Jun. 12)	W.Va.	Stevens, John Walter (Jun., Ind.)	Md.
Starr, P. Thomas (Eng.)	D.C.	Stevens, Marie Hunt (Univ.)	Md.
†Starr, Joseph M. (Univ.)	Ohio	A.B. 1933, Lake Forest College	
†Starr, Virginia Reese (Univ.)	D.C.	Stevens, Rogers Craig (Univ.)	Md.
Staubly, Alan MacLean (Law I)	W.Va.	Stevens, Samuel Bowman (Jun.)	Ark.
†Staubly, Ralph Franklin, Jr. (Col., A.M.)	W.Va.	†Stevens, Frank Vernon (Jun. 27)	D.C.
A.B. 1931, The George Washington University		Stevenson, Fred Charles (Col., A.M.)	N.J.
†Staubus, Edwin Louis (Eng.)	Md.	A.B. 1934, The George Washington University	
Stauffer, David Ruehart (Law III)	D.C.	†Stevenson, Gladys L. (Jun. 1933)	N.Dak.
A.B. 1933, The George Washington University		Stevenson, John Albert (Eng. 54)	D.C.
Stauffer, Henry Brooke (Law I)	D.C.	Stevenson, Edward C. (Jun. 51)	Wis.
A.B. 1934, Duke University		†Stewart, D. Brooke (Jun. 12)	D.C.
†Stearns, Joseph L. (Univ.)	D.C.	Stewart, George Emery (Law III)	Tex.
B.S. 1930, M.S. 1934, College of City of New York		Stewart, Kermit (Jun. 90)	D.C.
Stearns, Jack Clifford H. (Col. 127)	D.C.	†Stewart, Robert Keirle (Jun. 63)	D.C.
†Steele, Leon J. (Univ.)	Ill.	Stewart, William Behrend (Univ.)	N.Y.
B.S. 1930, Alabama Institute of Technology		Stewartson, Arthur Lloyd (Univ.)	D.C.
M.S. 1933, American University		Stimson, Jesse LeRoy (Col. 94)	D.C.
Steele, Judith Leroy (Ed., A.M.)	D.C.	†Stinebower, Alice H. (Univ.)	D.C.
A.B. 1930, The George Washington University		†Stirling, Marion (Jun. 22)	Mich.
Stegeman, Bert Madison (Univ., Jun. 31)	Colo.	†Sturton, Alexander James (Univ.)	
Stehman, Floyd Shultz (Jun. 30)	Va.	B.S. 1930, Wayne University	
Stehman, Vernon Andrew (Jun. 24)	Va.	A.M. 1932, The George Washington University	
†Stedley, Herbert J. (Univ.)	D.C.	Stites, Ruby (Univ.)	Pa.
Stein, Colman Brez (Law III)	D.C.	†Stitt, Robert Elwood (Eng.)	D.C.
†Stein, Marjorie Hargreaves (Jun. 30)	Md.	†Strockman, Edna Winifred (Univ.)	D.C.
Stein, Samuel Solomon (Ed. 99)	N.J.	†Strockman, Stanley Douglas (Univ.)	Md.
†Stein, Saul (Col., A.M.)	N.Y.	†Stofberg, Charles (Ed., A.M.)	
B.S. 1933, New York University		A.B. 1933, The George Washington University	
Steinbacher, Donald (Jun.)	Ohio	†Stohl, Ralph N. (Law I)	Utah
Steinberg, Abe Henry (Med. IV)	Ohio	A.B. 1934, University of Utah	
B.S. 1931, University of Toledo		Stohlman, Mary Helen (Ed., A.M.)	D.C.
Steinberg, Joseph (Jun. 24)	Md.	A.B. 1934, The George Washington University	
Steiner, Edward Thomas (Jun. 92)	D.C.	Stohlman, Mildred A. (Univ.)	D.C.
Steiner, Sylvan Adolph (Med. II)	D.C.	B.S. in Ed. 1933, Wilson Teachers College	
Steinmetz, Josephine Janet (Jun. 46)	D.C.	Stokes, Richard Joseph (Jun.)	D.C.
Stephen, Hazel Earnest (Jun. 86)	Md.	Solar, Morris David (Jun.)	D.C.
†Stephens, Benjamin, Jr. (Jun.)	Ill.	Solar, Myer Harold (Jun. 91)	Wis.
Stephens, Elwood Edward (Law I)	Calif.	†Stoll, Norman A. (Law, Uncl.)	
B.S. 1933, University of California		Ph.B. 1932, University of Wisconsin	
Stephenson, Earl Donald (Eng.)	D.C.	†Stone, Ann (Univ.)	Mich.
Stephenson, William J. (Univ.)	D.C.	Stone, Clyde (Jun. 6)	D.C.
†Stepp, Laurie Marie (Univ.)	D.C.		

Stone, Gordon Oliver (Col., A.M.)	Va.	†Sturm, George Wayne (Law I)	Calif.
B.S. 1934, The George Washington University		†Sturtevant, Eugene William (Jun.)	Neb.
Stopsack, Florence Alma (Jun. 30)	D.C.	Stutler, Delmas Clay, Jr. (Eng. 33)	D.C.
Storer, Rachel Mae (Col., A.M.)	Oreg.	Stutz, Frank August (Ed., A.M.)	Min.
B.S. 1928, University of Oregon		B.S. in M.E. 1931, Lehigh University	
Storey, Arthur (Col., A.M.)	D.C.	Suber, Edna Swenson (Col., A.M.)	D.C.
B.S. 1933, The George Washington University		A.B. 1929, Northland College	
Storms, Frank H. (Univ.)	Mass.	Suber, James W. (Grad.)	
A.B. 1914, Harvard University		B.S. 1928, Mississippi Agricultural and Mechanical College	
Stortz, R. Bailey (Law I)	Mont.	A.M. 1930, The George Washington University	N.Y.
A.B. 1932, Carleton College		Suffin, Milton H. (Jun. 12)	Calif.
Stotelmayer, George Benton (Jun. 39)	Ill.	Sugar, Florence S. (Univ.)	D.C.
Stout, Clair L. (Law I)	Utah	Sugar, Oscar (Col., A.M.)	
A.B. 1931, University of Utah		A.B. 1934, Johns Hopkins University	D.C.
Stout, Reed Albert (Law I)	Utah	Sugar, Samuel Jacob (Med. I)	
A.B. 1931, University of Utah		Ph.G. 1931, The George Washington University	D.C.
†Stoutzenberger, Paul William (Jun.)	D.C.	Sullivan, Anna Vilette (Col. 116)	Md.
Strandell, Everett Leonard (Jun. 63)	Minn.	Sullivan, Benjamin H. (Med. I)	Md.
Stratton, Arthur T. (Law I)	Md.	Sullivan, Clara P. (Ed., Ed.D.)	
E.E. 1930, Rensselaer Polytechnic Institute		A.B. 1911, Brenau College	
Stratton, Constance (Jun.)	D.C.	A.M. 1927, The George Washington University	D.C.
†Straughn, James Blandford (Eng.)	D.C.	†Sullivan, Edward Francis (Univ.)	D.C.
Strauss, Albert James (Col. 99)	D.C.	Sullivan, Edwin Kemper (Eng. 25)	Md.
Strayer, Francis Henry (Ed. 95)	Pa.	Sullivan, Gordon Hamilton (Jun. 102)	Mass.
Straver, Mary Whitney (Jun.)	D.C.	Sullivan, John Francis (Univ.)	D.C.
†Street, John Ellsworth (Col. 84)	D.C.	Sullivan, Mark, Jr. (Law I)	
†Street, Lawrence Park (Univ.)	W.Va.	†Sullivan, Mark, Jr. (Law I)	D.C.
B.S. in C.E. 1925, West Virginia University		A.B. 1932, Princeton University	D.C.
†Street, Mary Neely (Univ.)	W.Va.	†Sullivan, Mary Vance (Jun.)	Mass.
A.B. 1921, West Virginia University		Sullivan, Richard T. (Med. IV)	D.C.
†Streeter, Ruby Dellar (Ed. 104)	Oreg.	Sullivan, Ullaine (Col. 92)	Va.
Stretton, Thomas Fulton (Jun. 36)	D.C.	Sullivan, Vincent Loo (Jun. 65)	Ill.
†Strickland, Irene (Univ.)	D.C.	Summers, Olivia Wirt (Jun. 18)	D.C.
†Strickler, Grace D. (Univ.)	D.C.	Summers, Vaughn Wathen (Law II)	Pa.
B.S. 1927, University of Virginia		Sunday, Helen Christina (L.S. 101)	D.C.
†Stroad, Kenneth (Univ.)	Ohio	Supiot, Ann M. (Jun. 6)	
†Strode, Leona F. (Univ.)	Mo.	Suraci, Alfred John (Med. III)	
Strout, Rosa Presaly (Eng. 32)	D.C.	A.B. 1933, The George Washington University	D.C.
†Struve, Katherine G. (Ed., A.M.)	Md.	Surine, Donald Arthur (Jun.)	D.C.
A.B. 1914, Wellesley College		Suser, Gilbert (Jun. 35)	D.C.
Strvker, Ross Margaret (Col., A.M.)	D.C.	Sutherland, Mary Jane (Jun.)	D.C.
A.B. 1931, The George Washington University		Suttenfield, Frederick Daniel (Med. II)	Tex.
Stuart, Hulen (Col. 64)	Mo.	Suvan, Thong Dee (Phar. 90)	
Stuart, John M. (Jun. 9)	D.C.	†Swan, Robert A. (Col., A.M.)	Md.
†Stuart, Richard F. (Jun. 30)	D.C.	A.B. 1934, University of Texas	D.C.
Stuart, Robert Kenneth (Law I)	Pa.	Swan, Irene F. (Jun. 104)	Ill.
A.B. 1931, Washington and Jefferson College		Swanner, Hugh W. (Col. 87)	D.C.
†Stubbs, Dorothy (Jun. 24)	D.C.	Swanson, Carl Colborn (Jun.)	Wis.
Studv, Earl H. (Ed. 101.33)	Ind.	Swanson, Carl H. (Eng. 94)	Md.
†Suhr, Adele (Univ.)	S.C.	†Swanson, Irving William (Law I)	
Stull, Louise J. (Col., A.M.)	Va.	†Swanson, Vernie Clifford (Law I)	
B.S. 1925, Virginia Polytechnic Institute		B.S. in Arch.E. 1931, University of Illinois	
Stull, Neil Francis (Law I)	Ohio	B.S. in C.E. 1933, The George Washington University	D.C.
B.S. 1921, Ohio State University		Swanton, Lucy A. (Med. I)	
Stulz, Janet C. (Jun. 98)	Va.	A.B. 1929, The George Washington University	Md.
Stulz, Richard Earl (Jun. 14)	Va.	Swayne, Allen (Jun. 24)	

Students Registered

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Swayze, J. Clarke (Jun.)	Kans.	Tash, Belle (Jun. 12)	D.C.
Swayze, John M. (Law I)	Kans.	Tate, Edward Oscar (Law I)	Tenn.
A.B. 1934, The George Washington University		A.B. 1933, American University	D.C.
†Sweeney, Isabelle Sutton (Law I)	Calif.	Tate, Thomas E. (Eng., Uncl.)	D.C.
A.B. 1932, University of California at Los Angeles		Tavener, Elsa Mildred (Jun. 15)	D.C.
Sweeney, Mabel Anne (Col. 60)	Va.	Taylor, Albert Lee (Col., A.M.)	Colo.
Sweeny, Charles A. (Law III)	Ohio	B.S. 1934, The George Washington University	
†Sweet, Marguerite Bunston (Jun.)	D.C.	Taylor, Ansel Newel (Jun. 45)	D.C.
†Swenson, Hildegard Fletcher (Jun.)	Va.	Taylor, Bayard Fuller (Eng., Uncl.)	D.C.
†Swick, Eunice Reba (L.S. 60)	Md.	B.S. in M.E. 1927, Tri-State College	D.C.
†Swiger, Henry Alton (Univ.)	W.Va.	Taylor, Benjamin Comegys (Eng. 67)	D.C.
Swindells, James Fisher (Col. 100)	D.C.	Taylor, Charlotte Emily (Univ.)	D.C.
Swingle, Allan Calvert (Jun. 86)	Md.	A.B. 1934, The George Washington University	
Swingle, Lester Monroe (Law II)	D.C.	Taylor, Howard D. (Law II)	Utah
B.S. in M.E. 1932, The George Washington University		B.S. 1934, Brigham Young University	Utah
Swink, James Woodrow, Jr. (Jun. 34-10)	S.C.	Taylor, Howard Sims (Law I)	
†Swiney, William (Eng. 30)	Pa.	B.S. 1931, University of Utah	D.C.
Swofford, Paul E. (Law I)	Ill.	Taylor, John Ellsworth (Jun. 57)	Va.
B.Ed. 1933, Southern Illinois Teachers College		†Taylor, Lawrence Lee (Jun.)	Va.
Swope, Edwin L. (Law I)	N.Mex.	†Taylor, Mary Ashby (Col. 105)	D.C.
Sworzyn, Herbert Philip (Jun. 90)	D.C.	*Taylor, Melba Keller (Ed. 120)	D.C.
†Sydnor, Amanda Mary (Univ.)	D.C.	Taylor, Nellie S. (Univ.)	D.C.
Syler, Fred L. (Law I)	D.C.	Taylor, Neva I. (Jun., Uncl.)	Miss.
B.S. 1927, Ohio State University		Taylor, Oscar B., Jr. (Jun., Uncl.)	D.C.
†Symond, Myrl Pope (Univ.)	Pa.	†Taylor, Perry R. (Univ.)	D.C.
A.B. 1930, Western Reserve University		Graduate 1917, U.S. Naval Academy	
Symons, Julius (Phar. 64)	Mich.	M.S. 1921, Massachusetts Institute of Technology	Utah
Syphers, Grant E. (Law II)	Utah	†Taylor, Rolla Holmes (Eng. 109)	D.C.
A.B. 1934, The George Washington University		†Taylor, Wilbur Russell (Univ.)	Mich.
†Tae, Chia Tung (Col., A.M.)	China	Teachout, Margaret (Jun.)	Ga.
B.S. 1925, Chiao-tung-pu Nanyang University		Teasley, Edgar W. (Jun., Uncl.)	Ga.
		Teasley, Harold (Univ.)	Va.
		Teates, Robert Ranodell (Jun. 18)	D.C.
		Teepe, Elizabeth Ada (Ed. 120)	Tex.
		Tehas, Virginia (Jun. 12)	Ill.
		Telford, Helen Dorothy (Col., A.M.; Univ.)	
		Ph.B. 1932, University of Chicago	D.C.
		†Telford, Mildred Mae (Jun.)	D.C.
		Tellefsen, Ingrid Clara (Univ.)	Pa.
		†Telshaw, Gertrude L. (Jun.)	Pa.
		Temin, Harold (Jun. 48)	D.C.
		Templin, Una Vertner (Law I; Univ.)	D.C.
		B.S. 1914, Sullins College	
		†Tennyson, James Anna (Univ.)	D.C.
		A.B. 1925, The George Washington University	
		Tepper, Harold (Jun. 23)	D.C.
		Tepper, Leon (Eng.)	D.C.
		†Terrell, Robert Marshall, Jr. (Univ.)	Idaho
		Terry, Robert Lynwood (Univ.)	D.C.
		Thacker, Lewis Henry (Univ.)	Ill.
		Thaxter, John Hall (Jun. 90)	D.C.
		Thayer, Marion Adeline (Univ.)	N.Y.
		A.B. 1929, University of Rochester	
		Theodore, Jerome (Law I)	D.C.
		Thiemeyer, John Samuel, Jr. (Jun. 31)	D.C.
		Thiemeyer, Marie Virginia (Jun. 18)	D.C.
		Thirloway, William Harvey (Govt. 113)	Mont.
		†Thody, William Alan (Law I)	Utah
		A.B. 1934, University of Utah	
Tackler, Carroll Herry (Univ.)	D.C.		
Taggart, Edward Jackson (Jun., Uncl.)	D.C.		
Taber, Mahmood (Univ.)	Persia		
Takas, David S. (Med. I)	Pa.		
†Talbert, Kenneth Graham (Jun.)	D.C.		
Talbutt, George W. (Eng. 49)	D.C.		
Tall, Aldon (Med. III)	Idaho		
A.B. 1930, University of Idaho			
Tall, Asael (Med. II)	Idaho		
B.S. 1930, University of Idaho			
Talley, Esther B. (Ed., A.M.)	Tenn.		
A.B. 1933, The George Washington University			
†Talley, Jacob Wallace (Univ.)	D.C.		
†Talley, Kathleen Downs (Univ.)	D.C.		
A.B. 1932, University of Michigan			
Talley, Martha Downs (Univ.)	Tex.		
Tarasuk, Irving A. (Med. IV)	N.Y.		
A.B. 1931, University of North Dakota			
Tarbett, Ralph Lawrence (Univ.)	D.C.		
Targue, Edith (Jun. 3)	D.C.		
Tarver, William A., Jr. (Jun. 18)	Tex.		

Thoenen, Mary Whitney (Jun. 15)	D.C.	†Thummel, Edith Catherine (Univ.)	Kan.
Thom, Alfred Pembroke, 3d (Med. IV)	D.C.	B.S. 1932, Kansas State Teachers	
Thom, Charles Richard (Law II)	D.C.	College, Manhattan	Univ.
A.B. 1934, The George Washington		Thurman, William Taft (Law II)	N.C.
University		A.B. 1931, University of Utah	D.C.
Thom, Herbert C. S. (Eng. 69)	Minn.	Ticknor, Margaret (L.S. 90)	C&E
Thomas, Alonzo Morgan, Jr. (Eng. 19)	D.C.	Tidball, Mary Catharine (Jun.)	W.Va.
Thomas, Bertha Dorothy (Law I)	D.C.	†Tidwell, Thomas Haskell (Law I)	D.C.
A.B. 1910, Western Reserve University		†Tierney, Kaden (Univ.)	D.C.
†Thomas, Charles Wilson (Jun. 54.66)	Utah	†Tievsky, Evelyn (Univ.)	D.C.
Thomas, Clark Hammond (Jun. 2)	D.C.	Tievsky, George (Jun.)	Univ.
Thomas, David (Col. 70)	D.C.	†Tigner, Milo Elmer (Jun.)	D.C.
Thomas, Edward Evan (Jun. 39)	Md.	Tilden, Anita Shackford (Univ.)	Univ.
Thomas, Edward John (Eng. 65)	Ohio	Tilden, Richard A. (Law III)	D.C.
Thomas, Edwin Moroni (Law II)	Ohio	Tillotson, John Wallace (Law I)	D.C.
B.S. 1934, The George Washington		Tilton, Fletcher Sandford (Jun. 30)	D.C.
University		Timberlake, E. Compton (Jun. 30)	D.C.
†Thomas, Elliot Estus (Univ.)	N.Dak.	†Timberlake, Frances Edna (Jun. 25)	Man.
Thomas, Emerson Wood (Eng. 31)	Md.	Tingley, Sanford Franklin (Eng. 30)	Univ.
Thomas, Ferris Bettram (Jun.)	Pa.	†Tinney, Estelle Helen (Jun. 15)	D.C.
Thomas, George Samuel (Law I)	Ohio	Tinsley, John Paul (Univ.)	D.C.
Thomas, Gertrude Eloise (Jun.)	D.C.	Tinsley, Winifred I. (Univ.; Law, Spec.)	D.C.
†Thomas, Gladys Irene F. (L.S. 115)	D.C.	Tinto, Anella Maria (Jun.)	D.C.
Thomas, Jack Bitting (Law I)	Kans.	Tisdale, John M. (Jun. 21)	Univ.
Thomas, Jesse W. (Jun. 39)	Ky.	Tobey, Charles W., Jr. (Jun., Uncl.; Law I)	D.C.
†Thomas, John Francis (Univ.)	D.C.	†Tobin, David Paul (Jun.)	D.C.
Thomas, Lawrence (Med. I)	N.Y.	†Tobin, Francis Leo (Univ.)	
B.S. 1934, New York University		B.S. 1922, Massachusetts Institute	
†Thomas, Lonnie Benson (Univ.)	D.C.	of Technology	Man.
†Thomas, Malcolm Charles (Jun.)	D.C.	Tobin, Louis Henry (Med. I)	D.C.
†Thomas, Mary Kathleen (Jun. 51)	Ohio	Todd, Frances Carroll (Univ.)	Univ.
†Thomas, Paul Vernon (Jun.)	Ind.	Tolan, George Emmett (Jun., Uncl.)	D.C.
†Thomason, Clarence Temple (Univ.)	D.C.	†Tolchinsky, Bernard (Eng.)	C&E
Thompson, Byron Walling (Jun. 30)	Md.	†Tolchinsky, Isadore (Jun. 21)	D.C.
Thompson, Charles W. (Jun. 28)	D.C.	Tolley, Grant (Univ.)	Univ.
Thompson, Frances (Ed. 92)	Va.	Tolaroi, George (Med. III)	
Thompson, Helen Davis (Jun. 15)	D.C.	†Tomlin, Carl William (Law III)	
†Thompson, J. LaMar (Jun. 30)	Md.	B.S. 1932, The George Washington	
Thompson, J. Lawn, Jr. (Med. III)	D.C.	University	
†Thompson, Joel Franklin, Jr. (Univ.)	Va.	†Tompkins, Fannilynn Wilkinson (Jun.)	Univ.
†Thompson, June Shirley (Jun.)	D.C.	†Toner, Thomas J. (Jun. 43)	Univ.
†Thompson, Marie Adah (Ed., A.M.)	Miss.	†Toole, Elizabeth Lane (Univ.)	D.C.
A.B. 1921, The George Washington		Toombs, Alfred Gerald (Col., A.M.)	D.C.
University		A.B. 1933, University of Maryland	Univ.
Thompson, Odell S. (Col., A.M.)	Utah	†Toomey, Marion Cecelia (Jun.)	W.Va.
B.S. 1932, Utah State Agriculture		Toothaker, Lolita (Law I)	Univ.
College		†Toothman, James Sterling (Eng.)	Univ.
Thompson, William Dove (Ed., A.M.; Univ.)	Va.	†Topley, Elois Frances (Univ.)	D.C.
A.B. 1910, The George Washington		Tornambe, Anthony (Univ.)	
University		Touhev, Matthew Patrick (Col., A.M.)	
Thompson, W. Jack (Law II)	Wyo.	A.B. 1934, Catholic University of	
A.B. 1911, University of Wyoming		America	
†Thomson, Augustus P. (Col., A.M.)	Va.	Towberman, Alden J. (Law I)	Univ.
A.B. 1911, Washington and Lee		Towberman, George William (Jun. 33)	Univ.
University		Townsend, Eleanor K. (Col. 58)	D.C.
Thomson, Donald E. (Jun. 41)	Mont.	Townsend, Frederick W., Jr. (Eng., Uncl.)	Univ.
Thornberry, John Orme (Jun., Uncl.)	D.C.	†Trauband, Frederick (Ed., A.M.)	
Thornett, Roger Alan (Eng. 76)	Va.	*Trail, William Perry (Ed., A.M.)	
B.S. 1932, William and Mary College		A.B. 1927, Western Maryland College	
Thornton, Allan F. (Law I)	Minn.	Trammell, Charles M., Jr. (Law I)	
A.B. 1911, Morningside College		A.B. 1931, The George Washington	
Thornton, Winifred (Univ.)	N.J.	University	
Throckmorton, Olga Estelle (L.S. 114)	D.C.		

Via, Mary Evelyn (L.S. 60)
 Vickers, Rose Margaret (L.S., Uncl.)
 A.B. 1925, The George Washington
 University
 Vierling, Mildred Overton (Jun.)
 Vigue, Charles Everett (Med. III)
 A.B. 1920, Colby College
 Vincent, Clyde Earl (Law II)
 A.B. 1927, Western Kentucky
 Teachers College
 A.M. 1931, University of Kentucky
 †Vinson, George Bernard (Univ.)
 Vite, Doroteo V. (Govt., A.M.)
 A.B. 1934, University of California
 at Los Angeles
 †Vodila, Victoria Mary (Jun., Uncl.)
 †Vogel, Harold R. (Eng. 56)
 Vogt, Robert Emmett (Univ.)
 Volckhausen, Walter R. (Col., A.M.)
 A.B. 1932, Columbia University
 Vollmer, Herman Charles (Eng. 20)
 Volz, Verna (Jun. 30)
 vonAmmon, Bernhard (Eng. 94)
 VonderBruegge, Henry John (Eng. 63)
 †vonSzeliski, Victor S. (Univ.)
 A.B. 1921, University of Wisconsin
 A.M. 1922, Catholic University of
 America
 Vorkoeper, Dwight Henry (Jun. 32)
 Vorkoeper, William John (Jun. 32)
 Vosburgh, John R. (Col. 62)
 †Vycital, John R. (Univ.)

W

†Wade, Gurney LeLande (Univ.)
 Wadsworth, Margaret Ashlin (Jun. 30)
 Wagman, Donald David (Col. 99)
 Wagman, Edward (Univ.)
 B.S. 1934, Wayne University
 Wagner, Carl Frederick, Jr. (Jun.)
 Wagner, Grace Lois (Ed., A.M.)
 B.S. 1934, Wilson Teachers College
 Wagner, Henry George (Jun.)
 †Wagner, Mary Gertrude (Ed. 81)
 Wagstaff, W. Stanford (Law I)
 Waight, Dave W. (Jun.)
 Wainwright, Florence Angelyn (Ed. 71)
 Wajda, Thomas Cass (Jun.)
 †Walden, Charles Edward (Eng. 56)
 †Waldman, Abner William (Jun. 74)
 Waldmann, Edward August (Jun. 48)
 Waldron, Nello Bowen (Col., A.M.)
 B.S. 1920, Utah State Agricultural
 College
 †Walker, D. Merle (Law II)
 B.S. 1910, Kansas State Teachers
 College, Pittsburg
 †Walker, David Barrett (Jun.)
 Walker, Faye (Univ.)
 Walker, George (Law I)
 Walker, Harold Donald (Col. 65)
 Walker, Samuel Hamilton (Jun. 44)

Va. Walker, Steve S. (Jun. 42)
 D.C. Walker, William Woodard (Govt. 87)
 Wall, Eulalia Louise (Univ.)
 A.B. 1927, Southern Methodist
 University
 Md. Wallace, Alfred B. (Univ.)
 Me. Wallace, Richard Dana (Eng.)
 †Wallace, William Dill (Law I)
 B.B.A. 1929, University of Washington
 M.B.A. 1934, Harvard University
 Walleigh, Robert Shuler (Eng. 63)
 D.C. Waller, Henry, Jr. (Law I)
 P.I. A.B. 1934, Washington and Lee
 University
 Pa. Waller, Philip David (Law II)
 A.B. 1934, The George Washington
 University
 Iowa †Walsh, Edward Cornelius (Law I)
 Va. Graduate 1933, U.S. Naval Academy
 N.Y. Walsky, Frances R. (Jun. 30)
 D.C. †Walstrom, Charles Bowen (Jun.)
 D.C. Walstrom, John A. (Jun. 60)
 D.C. Waltemyer, Claude M. (Jun. 80)
 Mo. †Walter, Paul Bradbury (Law II)
 Va. B.S. 1925, Dartmouth College
 Walton, John (Jun.)
 †Walton, Max R. (Jun.)
 †Walton, Woodrow Ronald (Jun. 15)
 †Wanamaker, Lansing Albert (Jun.)
 D.C. Wanlass, Ralph Page (Law II)
 N.Y. †Waples, Margaret B. (Ed. 76-33)
 D.C. Warburton, Marjorie Rupert (Jun., Uncl.)
 †Ward, Charles Dyer (Jun.)
 Ward, Chester Charles (Law III)
 B.S. 1931, Georgetown University
 D.C. Ward, J. Paul, Jr. (Jun.)
 D.C. Ward, Kathryn M. Painter (Col. 96)
 D.C. Warfield, Alan MacNaughton (Jun. 24)
 Md. Warfield, Eugenia Elizabeth (Ed. 94)
 D.C. Wargo, Dorothea Anne (Jun.)
 Warkentin, Dorothy M. (Jun.)
 D.C. Warman, Marion Joan (Jun. 36)
 N.Y. †Warner, Carlyle Franklin (Jun.)
 D.C. Warner, Mildred (Jun. 56)
 †Warner, Robert Preston (Jun.)
 †Warner, Virginia Irene (Univ.)
 D.C. Warren, Charlotte Harper (Univ.)
 D.C. Warren, Ewart Ford (Jun.)
 Me. Warren, Helen Elizabeth (Jun.)
 †Warren, Martha Mary (Univ.)
 B.S. 1933, Simmons College
 †Wash, Leo George (Univ.)
 †Washburn, Ivan (Eng. 35)
 *Wassmann, Katherine Mary (Ed., A.M.)
 A.B. 1933, The George Washington
 University
 Kans. Waters, Allen L. (Univ.)
 Waters, Hardin Clark (Col., A.M.)
 B.S. 1933, University of Wisconsin
 D.C. Waters, Helen Margaret (Ed. 99)
 D.C. †Waters, John M., Jr. (Univ.)
 Wash. †Watkins, Betsy Hope (Jun. 24)
 †Watkins, Elizabeth Anne (Univ.)

Ark
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 Va.
 D.C.
 Wash.
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 D.C.
 W.Va.

Students Registered

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Watkins, Kennedy Campbell (Law II) A.B. 1932, The George Washington University	D.C.	Weiman, Dorothy May (Jun. 20)	D.C.
Watkins, William Evan (Univ.)	Ark.	Weinberg, Albert K. (Jun. 25)	N.Y.
Wattman, Florence (F.A. 61)	N.J.	†Weinberg, Bernice Blossom (Jun. 21)	D.C.
Watson, Carolyn Pierce (Jun.)	D.C.	Weinberg, Joseph H. (Law III)	D.C.
Watson, Guy B., Jr. (Eng.)	Ind.	A.B. 1934, The George Washington University	Md.
Watson, John Paul (Law I)	Okla.	Weingartner, Ademar G. (Law I)	
A.B. 1928, Oklahoma Baptist University		A.B. 1934, The George Washington University	
†Watson, Quentin Durward (Col., A.M.)	Mo.	Weinstein, Estelle (Jun.)	D.C.
A.B. 1934, The George Washington University		Weinstein, Irvine (Med. IV)	N.Y.
†Watson, Raymond O. (Jun. 8)	Md.	B.S. 1931, College of the City of New York	N.C.
Watt, Eleanor Louise (Univ.)	D.C.	†Weinstein, Mayer David (Law I)	
Watts, Edward (Jun., Uncl.)	Tex.	B.S. 1933, University of North Carolina	D.C.
Watts, Emery William, Jr. (Jun. 30)	Tex.	Weinstein, Samuel (Univ.)	N.Y.
Waybright, Catherine Elizabeth (Jun. 30)	Md.	Ph.G. 1930, The George Washington University	
†Weaver, Alice P. (Jun. 12)	D.C.	Weintraub, Henry (Med. I)	N.Y.
†Weaver, Charles Rowland (Col., Uncl.)	D.C.	B.S. 1934, Brooklyn College	N.Y.
Weaver, Etta B. (Jun. 77)	D.C.	Weintraub, I. Irving (Col., Uncl.)	D.C.
Weaver, Gladys Elizabeth (Univ.)	D.C.	Weintraub, Robert Louis (Grad.)	
Weaver, Phoebe Elizabeth (L.S. 61)	D.C.	B.S. 1931, A.M. 1933, The George Washington University	D.C.
Weaver, Robert David (Jun. 18)	D.C.	Weisblatt, Louis (Jun. 13)	D.C.
Weaver, Thomas Harold (Jun. 31)	Va.	Weise, Ernest Lyman (Jun.)	Ill.
Webb, Arch George (Law I)	Utah	Weisel, Ben (Govt. 77)	D.C.
B.S. 1934, University of Utah		Weitzel, Frank Harvey (Law III)	
Webb, Clifford A. (Univ.)	Utah	A.B. 1931, The George Washington University	D.C.
Webb, Frances (Jun., Ind.)	D.C.	Weitzel, William Townsend (Jun. 45)	D.C.
Webb, James Edwin (Law I)	D.C.	†Welch, Ada L. (Univ.)	Md.
A.B. 1928, University of North Carolina		†Welsh, Barnard Talbott (Univ.)	Ga.
Webb, Mary Elizabeth (Univ.)	D.C.	†Welsh, Frances Glover (Univ.)	
Webb, Oscar Burton (Jun.)	D.C.	A.B. 1929, Agnes Scott College	Pa.
†Webb, Ruth Kincer (Ed., A.M.)	D.C.	Wenger, Margaret Elizabeth (Col., A.M.)	D.C.
A.B. 1933, The George Washington University		A.B. 1933, Wilson College	D.C.
Weber, Charles Dunkhorst (Col. 107)	D.C.	Wenner, Gordon Blackburn (Eng. 21)	D.C.
Weber, Charles Lynn (Med. III)	Pa.	†Wensink, Margaret C. (Jun. 45)	D.C.
Weber, William, Jr. (Law I)	Iowa	†Wentworth, Betty Dyer (Col. 80)	D.C.
A.B. 1933, University of Iowa		Werner, Myrtle King (Ed. 123, A.M.)	D.C.
Webster, Dana Thomas (Univ.)	D.C.	†Wertman, Kenneth (Jun. 49)	D.C.
Webster, Frances Lee (Univ.)	Va.	Wertz, William H. H. (Law I)	Ohio
Wechsler, Sanford Leonard (Jun.)	Mich.	A.B. 1933, Washington and Lee University	Minn.
†Wedel-Heinen, Erik (Univ.)	Denmark	†Wesner, Virginia W. (Jun. 6)	N.C.
†Weed, Marian Rebecca (Univ.)	D.C.	Wessels, Walter K. (Jun.)	D.C.
A.B. 1931, Cornell University		West, Alice Babette (Jun.)	D.C.
A.M. 1932, The George Washington University		West, Anne T. (Univ.)	D.C.
Weeks, Paula (Jun.)	D.C.	†West, Clarence John, Jr. (Jun., Uncl.)	Ill.
Weeks, Stanley Allan (Col. 110)	N.Y.	West, Gladys A. (Col. 93)	Utah
Weems, Carolyn Virginia (Ed., Ed.D.)	Va.	West, Wilburn C. (Law III)	W.Va.
B.S. 1926, State Teachers College at Harrisonburg, Va.		Westenhaver, Geraldine (Jun.)	Tex.
A.M. 1928, Columbia University		Wester, Helen Nichols (Univ.)	
Wehr, Everett Elmer (Grad.)	Ill.	B.S. 1930, A.M. 1931, The George Washington University	Tex.
M.S. 1918, University of Idaho		Wester, Robert Emerson (Col., A.M.)	
Weickhardt, George Davis (Jun. 32)	D.C.	A.B. 1930, The George Washington University	
Weil, John Allen (Jun. 36)	D.C.	†Weston, Robert Glardon (Eng.)	D.C.
Weiler, Eleanor M. (Jun. 24)	D.C.	Wetmore, Waldo Bass (Law II)	Kans.
†Weiler, Rose Catherine (Univ.)	Tex.	A.B. 1932, Wichita University	
Weiler, Ruby Houston (Univ.)	D.C.		

Wetzel, William Clokey (Eng. 30)	D.C.	Whited, Norman Willmer (Law III)	Mich.
†Weyman, Leo Arthur (Col., A.M.)	D.C.	B.S. 1914, Bucknell University	Pa.
B.S.S. 1932, College of the City of New York		Whitehead, Almeyda (Jun., Uncl.)	Pa.
Weyrens, Myrtle K. (Univ.)	N.Dak.	Whitehead, David C. (Jun.)	Calif.
B.S. 1932, University of Minnesota		Whitehouse, Frank Herbert (Col., A.M.)	Calif.
Whalan, John, Jr. (Law I)	Utah	A.B. 1911, The George Washington University	D.C.
†Whaling, Clifton W. (Law I)	Mich.	Whitesell, Harry Sellers (Jun. 33)	Pa.
A.B. 1932, Michigan State Normal College		Whiting, Charles Jonathan (Law I)	Pa.
Wharton, Maude C. (Law I)	Tex.	Graduate 1926, U.S. Naval Academy	Pa.
Wheat, Thelma V. (Jun. 15)	D.C.	Whitley, Gerald Ernest (Jun. 48)	D.C.
Wheatley, Altha Conner (Law I)	W.Va.	Whitley, Ralph David (Jun. 77)	N.Y.
A.B. 1932, Marshall College		Whitman, J. Alice (Col. 90)	D.C.
Wheatley, George H. (Law I)	W.Va.	Whitmeyer, Donald N. (Eng. 105)	D.C.
Wheeler, Catherine (Jun. 76)	Md.	Whitney, Frank Johnston (Eng. 10)	D.C.
†Wheeler, Creighton Lambert (Col., A.M.)	Va.	Whitney, Winifred Ellenor (Ed., A.M.)	Va.
B.S. 1934, U.S. Naval Academy		A.B. 1914, The George Washington University	Va.
Wheeler, Edward K. (Jun. 00)	Mont.	Whitton, Abigail (Ed. 130)	Mass.
•Wheeler, Elizabeth Hale (Col., A.M.)	Mont.	Whittrudge, Robert Brainerd (Law I)	D.C.
A.B. 1933, The George Washington University		B.S. 1930, Yale University	D.C.
Wheeler, Harriet (Jun.)	Md.	M.S. 1932, Cornell University	D.C.
†Wheeler, Schyler Joseph (Univ.)	D.C.	Whitzell, Margaret Eva (Univ.)	D.C.
Wheeler, William Wendell (Jun.)	D.C.	A.B. 1923, The George Washington University	D.C.
Whetstone, Richard Roy (Jun.)	Calif.	A.M. 1927, The George Washington University	D.C.
Whichard, Henry Walter, Jr. (Col. 88)	Va.	†Wibby, John D. (Jun.)	Mich.
†Whipple, M. Edith (Law II)	Iowa	†Wice, Israel (Col. 95)	Pa.
A.B. 1934, The George Washington University		†Wickenden, Joseph M. (Univ.)	D.C.
Whitaker, Robert L. (Jun. 43)	Idaho	Widome, A. Allen (Med. I)	D.C.
Whitbeck, Barbara (Jun.)	N.Y.	Widome, Blanche (Med. I)	D.C.
Whitbeck, Frank, Jr. (Jun.)	Okla.	A.B. 1934, The George Washington University	D.C.
†Whitcroft, Thomas Henry (Univ.)	Pa.	Wilbur, Marjorie Jeannette (Jun.)	Pa.
B.S. 1923, Pennsylvania State College		†Wilburn, Donald Ernest (Jun.)	D.C.
White, Andrew W. (Law, LL.M.)	D.C.	Wilburt, Martin Joseph (Jun.)	Pa.
A.B. 1912, Davidson College		†Wilcox, Lorena Evangeline (Univ.)	D.C.
LL.B. 1917, Harvard University		A.B. 1926, Washington Missionary College	D.C.
†White, Cecil Thayer (Grad.)	Tex.	Wilcox, Uthai Vincent (Jun. 35)	Pa.
A.B. 1928, Southwestern University		†Wildes, Cyril Martin (Univ.)	Pa.
A.M. 1930, The George Washington University		Wildes, Orville E. (Jun. 72)	Pa.
White, Charles Austin (Jun.)	Md.	†Wilding-White, Theodore G. (Univ.)	Pa.
White, Charles Edward (Jun.)	Colo.	Wildman, Herbert Tuttle (Law I)	Pa.
White, Elijah Brockenborough (Law I)	Va.	Wildman, Robert April (Eng. 49)	Pa.
B.S. 1931, Clemson Agricultural and Mechanical College		†Wildman, Rose Katharine (Ed. 101)	Pa.
†White, Frank Mitchell (Jun.)	Va.	Wiles, William G. (Law II)	Pa.
White, George A. (Law I)	Utah	B.S. 1920, The George Washington University	D.C.
White, Helen Louise (Col. 76)	D.C.	Wilford, Walter Herbert (Univ.)	D.C.
†White, Hugh Letcher (Law I)	D.C.	†Wilhelm, George Raymond (Eng. 79)	D.C.
Graduate 1913, U.S. Naval Academy		Wilkin, Edward C. (Jun. 45)	Mass.
M.S. 1921, Columbia University		Wilkins, Donald L. (Law III)	N.Y.
White, Kathleen L. (Jun.)	Okla.	A.B. 1931, Olivet College	N.Y.
White, Richard M. (Law II)	D.C.	†Wilkins, Doris Gwendolyn (Col., A.M.)	D.C.
A.B. 1930, University of Maryland		B.S. 1932, The George Washington University	D.C.
White, William Gregg (Eng., Uncl.)	Calif.	Wilkins, Mary Minge (Univ.)	D.C.
White, William L. (Law I)	Tex.	†Wilkins, Myra M. (Univ.)	D.C.
B.S. 1931, North Texas State Teachers College		Wilkinson, Enloe (Law III)	D.C.
Whitebread, Helen M. (Jun.)	D.C.	Wilkinson, Ethel Vernie (Jun. 2)	D.C.
†Whitebread, Howard A. (Jun. 6)	D.C.		

Students Registered

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Wilkinson, Glen A. (Law I)	Utah	Willoughby, Marion Frances (Col., A.M.) N.Y.	
B.S. 1934, Brigham Young University		A.B. 1931, The George Washington University	
Wilkinson, L. Lucile (Univ.)	D.C.	Wills, Robert Mayo (Eng. Jun.)	D.C.
B.S. 1932, Northwestern University		Wilson, Allen Morgan (Jun. 67)	D.C.
A.M. 1934, Columbia University		Wilson, Birt (Jun.)	Iowa
Wilkinson, Mary Louise (Univ.)	Va.	Wilson, Charles Elliott (Jun.)	D.C.
Will, Charles Raymond (Univ.)	D.C.	Wilson, Chester LeRoy (Jun. 52)	Va.
Willard, John Edwin (Jun.)	S.C.	Wilson, Cicola Daniel (L.S. 106)	Va.
Willcox, Josiah Lovell, Jr. (Eng. 4)	D.C.	Wilson, Cyreal Grace (Univ.)	D.C.
Willert, Mary Jo (Univ.)	Ind.	†Wilson, Douglas Emory (Univ.)	D.C.
Willert, H. Clark (Eng. 56)	D.C.	Wilson, A.B. 1911, Dartmouth College	
Willers, Robert H. (Univ.)	N.Y.	A.M. 1933, Harvard University	
Williams, Ames W. (Law I)	N.J.	Wilson, Edward Comstock, Jr. (Jun. 58)	D.C.
Williams, C. Vinson (Jun.)	Okla.	Wilson, Eleanor Wiley (Univ.)	D.C.
Williams, Edith H. (Jun. 51)	Md.	†Wilson, Frances Mayo (Jun.)	D.C.
Williams, Herbert A. (Law I)	Ga.	†Wilson, Frank Wesley (Jun., Uncl.)	D.C.
B.S. in E.E. 1933, Georgia School of Technology		Wilson, George Wood, Jr. (Law I)	N.C.
Williams, Jack Lloyd (Med. I)	Idaho	Wilson, A.B. 1933, University of North Carolina	
B.S. 1934, University of Idaho		Wilson, Gladys C. (Jun. 6)	D.C.
Williams, Jean Elizabeth (Jun. 31)	D.C.	Wilson, Herbert, Jr. (Jun. 55)	Tenn.
Williams, John Wesley (F.A., M.F.A.)	Ala.	Wilson, Howard (Eng. 30)	D.C.
B.Arch. 1929, Alabama Polytechnic Institute		†Wilson, John Lawrence (Jun. 18)	D.C.
Williams, Kenneth B. (Univ.)	Calif.	Wilson, John Randolph, Jr. (Govt. 60)	D.C.
A.B. 1932, Stanford University		Wilson, Kathryn J. (Univ.)	D.C.
Williams, Leigh Alfred (Jun. 22)	D.C.	†Wilson, Norman W. (Jun.)	N.C.
Williams, Leila E. (Ed. 64)	Mö.	Wilson, S. Stuart (Law I)	W.Va.
Williams, Lois Hutchins (Ed. 104)	D.C.	A.B. 1927, Marietta College	
Williams, Margaret Eleanor (Jun.)	D.C.	Wilson, Vern William (Law I)	D.C.
Williams, Mary M. (Col. 84)	D.C.	B.S.A. 1934, University of Florida	Ga.
Williams, Myrta Dutton (F.A., B.F.A.)	D.C.	†Wilson, Walter R. (Col. 73-66)	Va.
A.B. 1934, The George Washington University		Wilson, William Lyne (Law I)	
Williams, Richard A. (Univ.)	Colo.	A.B. 1927, Washington and Lee University	
Williams, Robert Hays (Col. 63)	Ark.	Wilchik, Isidore (Med. IV)	N.Y.
Williams, Robert Irwin, Jr. (Eng.)	D.C.	A.B. 1932, The George Washington University	
Williams, Robert M. (Law III)	Okla.	Windle, Frederick Jack (Law II)	Kans.
Williams, Robert Snead, Jr. (Ed., A.M.)	D.C.	A.B. 1933, University of Kansas	
A.B. 1929, The George Washington University		Wineland, Lloyd George (Jun. 30)	D.C.
Williams, Russell (Jun. 6)	Ohio	†Winemiller, Rhoda (Univ.)	D.C.
Williams, William Harris (Eng., Uncl.)	N.C.	B.S. 1932, University of Maryland	
Williams, Alfred Edward (Univ.)	Md.	Wingard, Jay Franza (Law II)	Pa.
B.S. 1932, University of Maryland		A.B. 1927, Ohio Northern University	
Williamson, Desmona E. (Univ.)	D.C.	Wink, Irving W. (Med. II)	D.C.
Williamson, Edward Ervin (Govt. 72)	S.Dak.	Winkelhaus, Jane Frances (L.S. 62)	D.C.
Williamson, Monroe (Jun.)	Ark.	Winkelman, Fred Wolfe (Jun.)	D.C.
Willard, John Earlton (Col., A.M.)	Pa.	Winn, Juanita M. (Ed., A.M.)	D.C.
B.S. 1934, The George Washington University		A.B. 1933, The George Washington University	
Williamingham, Harris E. (Univ.)	D.C.	Winston, Robert Mitchell (Jun.)	Ky.
Willis, Bennett, Jr. (Jun.)	D.C.	Winter, Anna Belle (Jun. 36)	Ohio
Willis, Doyle Henry (Law I)	D.C.	Winter, Violet Elizabeth (L.S., A.M.)	D.C.
A.B. 1934, B.S. 1934, University of Texas		A.B. 1928, The George Washington University	
Willis, John Brewster (Eng.)	D.C.	†Wirsing, Floyd (Univ.)	D.C.
Willis, Ruth Louise (Ed. 85)	D.C.	B.S. 1928, University of Maryland	
Willis, Theodore Leland (Univ.)	D.C.	M.S. 1930, University of Virginia	
Willkie, Helen Frances (Govt. 86)	D.C.	Wise, Charles C. (Law II)	D.C.
Willoughby, Grace Elizabeth (Col., A.M.)	N.Y.	Wise, George Waller (Col. 62)	Md.
A.B. 1933, The George Washington University		Wise, Maurine (Jun. 54)	Va.

Wise, William Buren (Jun. 9)	Ala.	†Woolard, Bruce Weldon (Univ.)	N.C.
Wischart, Harold H. (Law III)	Ind.	Woolard, Edgar William (Univ.)	D.C.
Wiseman, Herbert Goodwin (Col., A.M.)	Me.	A.B. 1923, A.M. 1926, Ph.D. 1929, The George Washington University	N.C.
B.S. 1920, University of Maine			D.C.
Wiser, Ralph L. (Law I)	Md.	Woolf, Morris (Jun. 36)	Va.
A.B. 1934, The George Washington University		†Woolley, S. L. (Univ.)	S.C.
†Witcher, William Greer (Law I)	Ga.	†Woolwine, Lucy F. (Law I)	
Withauer, Etta Jo (Col. 92)	Va.	†Wooten, Maud (Univ.)	D.C.
†Witherite, Harold Christian (Univ.)	D.C.	A.B. 1921, Chicora College	N.C.
Withey, Wade D. (Jun. 48)	Mich.	Wooton, Richard C. (Col. 71)	D.C.
Witter, George Daniel (Law I)	N.Y.	†Worden, John E., Jr. (Univ.)	D.C.
*Witucki, Bernard Francis (Ed. 114)	Ind.	Worrall, Larry W. (Jun. 69)	D.C.
Wnuczek, John Joseph (Jun.)	Wis.	†Worrell, Barbara R. (Jun. 30)	S.C.
Wofford, Ruth O. (Univ.)	D.C.	†Worthy, William Buford (Law II)	Mass.
A.B. 1915, Limestone College		†Wragg, Hazel Russell (Univ.)	Tex.
A.M. 1931, Columbia University		A.B. 1934, Wheaton College	Conn.
†Wohlforth, George C. (Univ.)	D.C.	Wray, Ozie A. (Ed. 111)	Md.
Wolcott, Carroll Johns (Law II)	Md.	Wright, Caroline Ella (F.A. 64)	W.Va.
B.Chem. 1932, Cornell University		Wright, Frances Shepherd (Jun. 57)	D.C.
Wolf, Alan M. (Law I)	Pa.	Wright, Gertrude Jones (Univ.)	Va.
A.B. 1933, Dickinson College		Wright, Grace Stevens (Jun. 36)	D.C.
†Wolf, Elizabeth (Jun. 24)	D.C.	Wright, Harry Otis, Jr. (Univ.)	Mass.
Wolfe, Eddie (Jun. 36)	D.C.	Wright, Harvey C. (Jun. 32)	Mont.
†Wolfe, Elizabeth Jean (Univ.)	D.C.	Wright, Irene Mildred (Univ.)	Minn.
B.S. 1932, Cornell University		Wright, Joseph Sutherland (Law III)	D.C.
†Wolfe, Jean Estelle (Jun.)	D.C.	†Wright, M. Mims (Univ.)	D.C.
Wolford, Marion Rebecca (Jun. 24)	Tex.	†Wright, Margaret Mary (Jun.)	D.C.
Wolfrey, William T., Jr. (Jun. 60)	D.C.	Wright, Mary Morris (Univ.)	D.C.
Wolman, Bertha (Jun. 36)	Md.	Wright, Orville Kenneth (Jun. 51)	D.C.
Wolpert, Newton (Jun., Uncl.)	Minn.	Wright, Sterling (Univ.)	N.J.
†Wolter, Elisabeth B. (Jun.)	D.C.	Wright, Stuart B. (Govt. 78)	
†Womack, S. H. J. (Col., A.M.)	Tex.	†Wright, Thomas W. (Law I)	Ohio
A.B. 1920, B.S. in E.E. 1932, Texas Technological College		A.B. 1928, Princeton University	
Wood, Dorothy Anna (Jun. 3)	D.C.	*Wright, Willard Hall (Grad.)	
†Wood, Dudley Hubert (Col., A.M.)	Ala.	D.V.M. 1917, The George Washington University	
A.B. 1932, University of North Carolina			
Wood, Frank Luther (Jun. 30)	N.J.	M.S. 1931, American University	Pa.
Wood, Loring (Col. 118.75)	Va.	Wright, William Albert Earl (Ed., Ed.D.)	
Wood, Lynn Gentry (Law II)	Utah	B.S. 1923, M.S. 1928, Gettysburg College	Tenn.
A.B. 1931, University of Utah		Wright, Young Jefferson (Eng. Uncl.)	D.C.
Wood, Rex Spencer (Jun.)	Tex.	†Wuest, Charles Brown (Jun.)	Pa.
†Wood, Sallie M. (Univ.)	D.C.	Wukasch, Elvira Eleanor (Col. 61)	D.C.
†Woodbury, Shirl A. (Jun.)	Nev.	Wunsch, Joseph John (Med. II)	D.C.
Wooden, Eugene Jourdon (Jun. 36)	Md.	Wurdeman, John Henry (Jun.)	Ark.
Woodin, Tom (Jun. 24)	Ill.	†Wyatt, Hazel (Univ.)	D.C.
Woodley, Adelaide E. (Col. 102)	D.C.	Wyatt, Wanda Francis (Ed. 95)	D.C.
Woodley, Frederick W. (Jun. 18)	D.C.	Wyche, Francis Larkin (Jun. 6)	Conn.
Woodruff, Louise Linthicum (Col. 72)	D.C.	Wydra, Miriam (Jun. 6)	N.Y.
Woods, Edwin Elmore (Law I)	Vt.	Wynkoop, John Russell (Jun. 14)	D.C.
Graduate 1922, U.S. Naval Academy		Wynn, Richard (Univ.; Law I)	Tex.
†Woods, Elmer Cyril (Eng. 58)	D.C.	†Wyscaver, Ruby S. (Univ.)	
Woods, John Burton (Col. 60)	D.C.	Wythe, George (Grad.)	D.C.
Woods, Warren (Law I)	D.C.	A.B. 1914, University of Texas	
Woodside, Lehman Frank (Jun. 69)	Ill.	Wythe, Zoe Florence (Univ.)	
Woodside, Walter W. (Jun.)	Ill.	Graduate 1922, Conservatoire of Geneva, Switzerland	D.C.
Woodson, Helen Grace (Jun.)	D.C.	Wyvell, Eleanor Claire (Jun.)	
†Woodward, Constance (Jun. 17)	D.C.		
Woodward, Everett H. (Jun. 58)	D.C.		
†Woodward, Lynn Edgar (Jun. 9)	Ind.		
Woodward, Walter Francis (Jun. 17)	D.C.		

Students Registered

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Y

Yacknick, Paul (Eng. 32)	Pa.
Yaden, Audrey Virginia (Jun. 30)	Ky.
Yahl, Ruth Katherine (Jun. 6)	Ohio
Yanovsky, Ruth (Col. 61.33)	D.C.
Yarborough, William Clark (Univ.)	Ark.
Yarmall, Philip (Jun.)	D.C.
Yauch, Mary Louise (Govt. 105)	D.C.
Yack, Lois Ellen (Ed., A.M.)	Idaho
A.B. 1928, University of Washington	
Yee, Fum (Jun. 28)	D.C.
Yinger, Harry Lloyd (Law II)	Pa.
B.S. in C.E. 1933, The George Washington University	
Yost, Clyde W. (Col. 99)	Nebr.
Yochelson, Charlotte S. (Univ.)	D.C.
Yocum, Eleanor Frances (Jun. 45)	Md.
Yokum, Evelyn Doris (Ed. 59)	D.C.
Yolles, Samuel S. (Univ.)	Miss.
Yood, Morris Marvin (Med. I)	D.C.
A.B. 1934, The George Washington University	
York, Jack (Jun.)	Ill.
Yost, Robert Charles (Law I)	Wis.
Young, Edgar Berryhill (Univ.)	Md.
A.B. 1929, DePauw University	
Young, Gorman P. (Col. 92)	N.Y.
Young, Ina Marie (Univ.)	Calif.
Young, James A. (Law I)	Idaho
Young, James Joseph (Jun.)	Pa.
Young, James Lawrence, Jr. (Jun.)	D.C.
Young, Mrs. Jane White (Univ.)	Md.
Young, Lyman Stuard (Eng. 23)	D.C.
Young, Maude Elizabeth (Jun. 79)	Wis.
Young, Roberta Ann (Col. 60)	D.C.
Young, Rosebud H. (Col. 103)	Okla.
Young, Ruth Marion (Jun. 69)	Md.
Youngblood, Uriah M. (Law I)	La.
Yules, Roovin Herman (Law I)	Conn.
A.B. 1933, Yale University	
Yurwitz, Julius Peter (Jun.)	N.Y.
Yznaga, Ruth H. (Univ.)	D.C.

Z

Zabel, Edward Otto (Jun. 26)	D.C.
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Zabrek, Herman Morton (Univ.)	D.C.
†Zaic, John J. (Law I)	Minn.
B.S. 1933, St. John's University, Minn.	
Zartman, Ross B. (Law III)	D.C.
Zebley, Frances E. (Jun. 37)	D.C.
Zeh, James M. (Jun. 33)	N.Y.
Zeigler, John Asbury (L.S., Uncl.)	S.C.
A.B. 1932, The Citadel	
†Zeltzer, Miriam Ann (Univ.)	D.C.
†Zemantowsky, Mary (Jun. 72)	Conn.
Zepp, Leroy S. (Jun. 18)	D.C.
†Zepul, Constantine (Jun. 49)	Ill.
Zias, Joseph Francis (Law II)	Pa.
A.B. 1933, University of Michigan	
†Ziegler, William J. (Col. 82)	Minn.
Zierdt, Martha Elizabeth (L.S., Uncl.)	D.C.
B.S. 1931, Peabody College for Teachers	
Ziman, Edward Allan (Jun. 63)	N.Y.
†Zimmerman, Elizabeth (Univ.)	Va.
Zimmerman, William, III (Univ.)	Va.
Zimmers, Neal F. (Law I)	Ohio
A.B. 1933, Denison University	
Zoch, Richmond Tucker (Univ.)	Ala.
A.B. 1931, A.M. 1933, The George Washington University	
Zoerner, Hazel Ruth (Jun.)	Md.
Zola, Samuel (Med. III)	D.C.
A.B. 1933, The George Washington University	
Zoller, Mary Catherine (Jun. 54)	Iowa
Zsakany, John Carl (Eng., Uncl.)	D.C.
Zuber, Don (Univ.)	Ark.
†Zuber, Lee (Univ.)	Ark.
Zuckerman, Louis A. (Law II)	D.C.
Zuckerman, Saul (Jun. 32)	D.C.
Zuras, Maria Amelia (Law I)	D.C.
A.B. 1934, American University	
†Zwerner, Gene Arthur (Univ.)	Ind.
B.S. 1934, Rose Polytechnic Institute	
†Zwillinger, Hilda A. (Univ.)	D.C.
A.B. 1934, The George Washington University	
†Zwintcher, Paula E. (Univ.)	Minn.
Zylman, Jacob D. (Jun. 38)	Wis.

STUDENTS REGISTERED IN THE SUMMER SESSIONS

1934

A

Aal, Cary Wolcott
Abraham, Stuart Broadus
Abramson, Margaret
A.B. 1932, The George Washington University
Abrasz, Louis Boris
Adams, John Bun, Jr.
Adams, Ruth
Ahrens, Thomas P.
Aiken, Paul Case
A.B. 1929, University of Kansas
Aist, Dudley Clark
A.B. 1930, American University
Albert, John Jacob
Albrittain, Alice
Alexander, Dean
Alford, Leonard B.
A.B. 1933, University of Oklahoma
Allen, Grandison Greer
A.B. 1930, Vanderbilt University
Aller, Barbara Bartlett
Allison, Joseph Edward
Alpher, Solomon
A.B. 1932, The George Washington University
Ambrosi, Hugo Faust
Ames, Harry Clifton, Jr.
Andersen, Daniel J.
Anderson, Dorothy Mildred
Anderson, Edward McMahon
A.B. 1932, University of Arkansas
Anderson, John Byron
Anderson, Paul Hash
Anderson, Robert Nephi
A.B. 1928, University of Utah
Andrus, Virginia Dowden
Ansley, Urquhart Shorter
Apland, Edythe
Appich, Eleanor Lindsay
A.B. 1928, A.M. 1933, The George Washington University
Arble, Laura
Archer, James Edwin
B.S. in Ch.E. 1932, Rice Institute
M.S. in Ch.E. 1934, Massachusetts Institute of Technology
Arlidge, Richard F.
A.B. 1930, University of New Mexico
Arnold, Philip
B.S. 1933, The George Washington University
Athey, Florence Warwick

Avant, Hilda Stutes
A.B. 1933, Southwestern Louisiana Institute
A.M. 1934, The George Washington University
Avery, Edward Frederick

B

Baart, Catharine Cornelia
Babb, Virginia
Backus, Lucile May
Bagby, Helen Sitler
Bailey, Ethel Evelyn
Bailey, Lawrence Kent
Bailey, Sally Virginia
Bain, Wendell Henry
Baird, Douglas Otis
B.S. 1930, Alabama Polytechnic Institute
Baker, Alida Annet
Baker, William Elwood
A.B. 1917, A.M. 1921, Colorado Teachers College
Baker, Wilma Elisabeth
Bakum, Walter Alfred
Banker, Russell E.
Banks, Julia Ford
Banks, Dolly Madison
Barkley, William Corbin
Barlow, Milton A.
Barnes, Samuel Innis
Barnhart, Arthur Gooding
Baron, Catherine Shea
Barrick, Berenice Sophia
Bassford, James Cockrell
Bates, Frances C.
Bates, Eveline
Batts, Bertha A.
Bauknight, Fred Steele
Bauman, I. Paul
Beach, Anne De Beupré
Bealke, Helen Margaret
Beattie, James Sweetman
Becker, Carolyn Jane
Been, Richard Olof
Beets, Robert G.
Bein, Joseph David
B.S. in M.E. 1930, The George Washington University
Belnick, Esther
Bennett, Allen
Bennett, Lorenzo Thompson

Students Registered

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Bennett, Winheld DeWitt A.B. 1913, The George Washington University	Oreg.	Buchanan, Bessie B.S. 1934, The George Washington University	D.C.
Bessley, Ocie Marbury B.S. 1926, Howard College	Ala.	Buchtel, William Waugh	Colo.
Beshfield, Louise E.	D.C.	Buck, Maynard Ramsey	Iex.
Begon, Katherine Elizabeth A.B. 1930, The George Washington University	D.C.	Buckhorn, Elmer Alfred B.S. 1933, Oregon State College	Oreg.
Benson, Norman		Buckingham, Richard Gilpin	D.C.
Bent, David Earle A.B. 1932, Norwich University	D.C.	Buckles, Lawrence C.	D.C.
Bilman, Keith Charles	D.C.	Buckley, Michael Lester	Va.
Biz, Luigen	Mich.	Budd, Barbara Frances	D.C.
Bortugno, Adnah Judge	D.C.	Buckler, Richard Anthony	Ohio
Bosch, Clair Ruer	Md.	Burch, Dorothy Frances	D.C.
Black, Hattie Lee A.B. 1930, Alabama College	D.C.	Burge, Louise Irene	D.C.
Blair, Smith, Jr.	Ala.	Burkess, Gladys Moore	D.C.
Bliss, Robert Vaughan	D.C.	Burman, Louis Robert	N.Y.
Bolskill, Stanley Wallace A.B. 1931, The George Washington University	N.Y.	Burns, Edmund Cody B.S. 1934, New York University	D.C.
Boston, Patrick Alfred	D.C.	Burnett, Edmund Cody	D.C.
Boston, Melissa Dement	N.Y.	Burton, Marston Virginia	D.C.
Bowles, Abdon Anthony B.S. 1932, St. Edwards University	D.C.	Busch, Margaret Temple	Va.
B.S. 1934, The George Washington University	Tex.	Bussell, John Rust	S.Dak.
		Butturi, Douglas Mellin	D.C.
		Burt, Harry Paul A.B. 1932, University of Maryland	
		C	
Bounds, Roger Jackson A.B. 1924, Washington College	D.C.	Caldwell, Bruce	D.C.
Bowers, Chester Claver A.B. 1934, American University	Md.	Caldwell, Kenneth Carlton Graduate 1921, U.S. Naval Academy	D.C.
Bowers, Walter A. Ph.D. 1920, University of Chicago	Mo.	Caldwell, Samuel C.	N.C.
Bowen, Theodore L. B.S. in E.E. 1930, University of Illinois	D.C.	Callahan, Edward Joseph	D.C.
Bowman, Charlotte J.	Va.	Call, Thela Frances A.B. 1930, Washburn College	Kans.
Bower, Ralph Lewis	D.C.	Campbell, Donald Gordon	Va.
Brown, Robin	D.C.	Campbell, Kathryn Foresman	D.C.
Bradford, Lowell Joseph	D.C.	Campbell, Rex Davies, Jr.	Ark.
Brax, J. Theodore	D.C.	Candland, Arthur Ben	Utah
Braker, James Homer B.S. 1934, James Millikin University	Pa.	Candland, Don C.	Utah
Brad, Leroy Albert	N.Dak.	Candland, Harold A.	Utah
Brown, Paul Clarke A.B. 1931, University of Illinois	D.C.	Cannon, Aaron H.	Mich.
Brooks, Carolyn	Ill.	Cannon, M. Hamlin	D.C.
Brooks, Ruth Cutty	D.C.	Cannon, Thomas Quentin A.B. 1930, University of Utah	Utah
Brown, Esther	Md.	Capozio, Eugene Raymond	Pa.
Brown, Helen Elizabeth	Va.	Cates, Thomas James	Ariz.
Brown, Max H.	Ohio	Cavin, Lee	Mo.
Brown, Mildred	Mo.	Carlson, Charlotte Esther	Va.
Brown, Neill Smith	D.C.	Carlson, Essie Anna	D.C.
Brown, Robert W. A.B. 1933, University of Iowa	Fenn.	Carmick, Louis Grandin, Jr.	D.C.
Brown, Walter D.	Iowa	Carpenter, Jesse Horace A.B. 1922, West Virginia Wesleyan University	W.Va.
Brough, Katherine Gray	D.C.	Catson, Martha Warner	Va.
Brambaugh, Robert Charles	D.C.	Carter, Clifford Dorwin	Neb.
Brian, Frank Bruce	Pa.	Cates, Wilfred Samuel B.S. 1930, University of Nebraska	
Bryan, Herbert Kemmon	Va.	Catt, Wilfred Samuel	Ohio
B.S. 1933, Colby College	Me.	Carver, Linda Marie A.B. 1924, The George Washington University	Va.

Students Registered

XCIX

Davis, Thelma Faulkner	Ga.	Dufour, Alfred F.	S.C.
Dawson, Gladys Meredith	Kv.	Maturité Réale 1918, Collège de	
Dawson, Donald S.	Mo.	Genève	
A.B. 1930, University of Missouri		Dufour, Arline Hughes	D.C.
Dawson, Harvey McClary	D.C.	A.B. 1921, A.M. 1932, The George	
Dean, Harris William	Ill.	Washington University	
B.Ed. 1929, Illinois State Normal		Dugan, Helen E.	D.C.
School		Dumas, Alfred James	W.Va.
Dezav, Alice Rita	Ohio	Dunham, Frederick William	Md.
Deza, Raul de M.C. d'Almeida	D.C.	A.B. 1927, Washington College	
B.H. 1925, International Y.M.C.A.		A.M. 1930, University of Virginia	
College		Durham, Tom Austin	Wash.
A.M. 1933, The George Washington		Dvas, Robert Douglas	D.C.
University			
Dezav, Elizabeth Margaret	D.C.	E	
DeFelice, Anthony Richard	N.J.	Earl, Rulon A.	Nev.
A.B. 1932, Wesleyan University		Earle, John Richard	D.C.
DeHass, Miriam M.	D.C.	Earnest, Mildred	D.C.
A.B. 1932, The George Washington		A.B. 1930, The George Washington	
University		University	
DeKam, Alexis	Ga.	Easterwood, Oliver P.	N Mex.
DeKane, Mildred A.	D.C.	A.B. 1923, University of Denver	
A.B. 1925, Trinity College		Ebel, Leonard Herman	Ind.
DeMaratis, Ernest Edward	D.C.	Eckerman, Howard Porter	Iowa
DeMaris, Denise	D.C.	A.B. 1932, The George Washington	
A.B. 1933, University of Nevada		University	
DeMont, Charles A.	Md.	Edmonston, Martha Lucile	N.C.
DeMott, Jack Leon	D.C.	A.B. 1926, A.M. 1927, The George	
DeMott, Newton Howard	Md.	Washington University	
Diamond, Harold Henry	N.Y.	Edmonston, Thomas Ritchie	W.Va.
B.B.A. 1918, Boston University		Einer, Laurence V.	Ill.
Diamond, Spencer	N.Y.	B.S. in M.F. 1928, Armour Institute	
A.B. 1931, The George Washington		University	
University		Egbert, Freda Dorothy	D.C.
Dickens, Allen Joyner	Va.	A.B. 1915, The George Washington	
Dickinson, Lester Coolidge	N.Y.	University	
A.B. 1931, A.M. 1932, The George		Elisabarger, Adam Charles	D.C.
Washington University		Elgin, Arthur Carpenter	Md.
Dickson, Anne E.	Ala.	A.B. 1928, St. John's College	
Diaz, Leonilo T.	P.I.	Elmott, William Emmett	Ga.
A.B. 1932, University of Southern		B.S. 1930, Georgia Institute of	
California		Technology	
Dillman, Geraldine		Elms, Nannette Isabel	Md.
Dillon, John Holiday	D.C.	Embrv, Nell Coleman	D.C.
A.B. 1931, Yale University	Conn.	Emmerich, Harry Henry	Ky.
Docketman, Minnie	Ill.	B.S. 1911, University of Kentucky	
Dodd, Halbert William	Ill.	Fricksen, Emil Theodore	D.C.
B.S. 1930, Northwestern University		A.B. 1916, University of Utah	
Dole, Gene Ella		Erickson, Mary Elizabeth	Wash.
Dole, Esther Mohr	D.C.	Eskew, Virginia Pocahontas	La.
A.B. 1906, University of Illinois	Md.	Eulias, Muriel Ione	S.C.
A.M. 1910, Ph.D. 1926, University of		B.S. 1912, College of Charleston	
Wisconsin		Evans, Harold Thomas	D.C.
Doran, Christopher Alfred	Tex.	Evans, Brockenbrough	Md.
Dore, James Marthew	D.C.	Ph.B. 1925, Yale University	
Dore, Bernadette Ludwin	D.C.	Feverett, Edward	D.C.
A.B. 1919, Trinity College		Ewing, Norris	Calif.
Draper, Maurice G.	D.C.		
Drury, John Burke	Okla.	F	
Duckworth, Raymond Francis	Va.	Farhood, William	D.C.
Duffy, Hugh Susan	D.C.	Farr, Lionel Ballatyne	Utah
A.B. 1925, Randolph-Macon College	Va.	Parrington, Claude Max	D.C.
		A.B. 1927, Westminster College	
		B.S. 1931, The George Washington	
		University	

Feldman, Harry Alfred	N.J.	Gardner, Casper S.	Ky.
Fenby, M. Louise	D.C.	Gardner, Truman Grant	Mo.
Fennell, Rebecca DeLong	Ala.	Gareau, Charles Frederick	D.C.
Fennell, Reginald Edward	Md.	Garlock, Katharine	D.C.
Ferber, Norman B.	N.Y.	Garner, Jennie Frances	D.C.
Ferebauer, Robert W.	D.C.	Garrels, Harriet E.	D.C.
Ferguson, Charles Lloyd	D.C.	Gassett, Mattyvelu	D.C.
Ferrell, Jess	D.C.	B.S. 1930, University of Alabama	D.C.
Ferrier, Theodore Lawrence	Md.	Gay, John Richard	D.C.
Ferry, Doris Elizabeth	Md.	Gerber, Toby	Mo.
A.B. 1933, Vassar College		Gerlach, Edgar Martin	D.C.
Feuerlein, Willy John Arthur	Switzerland	Gerson, Leon	D.C.
Feusahrens, Fred George	D.C.	Gertler, Louis	D.C.
Ficklin, Jane Wilton	Va.	A.B. 1914, The George Washington	D.C.
Findlay, Joseph Peter	Pa.	University	D.C.
Fior, Marjorie Edith	D.C.	Gertler, Morton	Oh.
Fish, Harry S.	Kans.	Gevinson, Daniel	Oh.
Fishel, Vinton C.	Ill.	Gibson, George F.	D.C.
B.Ed. 1931, Southern Illinois Normal		Gillette, Gladys Geraldine	D.C.
School		A.B. 1923, Oklahoma City University	D.C.
Fisher, Edwin Lyle	Iowa	Glackin, Joseph E.	Mo.
Fisher, Wheeler Yule	D.C.	B.S. 1930, Washington College	Oh.
A.B. 1932, American University		Glassie, Henry Haywood, Jr.	
Fisk, Lois	Md.	Gloforth, Alva Millsaps	D.C.
Fitzgerald, Edward Joseph	D.C.	A.B. 1921, A.M. 1927, The George	D.C.
Flanagan, Sherman Edward	Md.	Washington University	D.C.
A.B. 1923, The George Washington		Goldberg, Isadora	D.C.
University		Goldberg, Shirley	D.C.
A.M. 1924, University of Maryland		Goldfaden, Benjamin Paul	D.C.
Fleming, Clarence Hall	Ill.	Goldman, Milton	
Flewharty, James Ralph	Tex.	Gordon, Everett Julius	
Flournoy, Copley Winslow	Ga.	A.B. 1933, The George Washington	Conn.
Floyd, Julian I.	D.C.	University	D.C.
Fogg, Lillian Edith	Mich.	Gordon, Ruth Ursula	N.Y.
Fogle, Rita Estelle	D.C.	Gosling, Jane Frances	D.C.
Ford, Charles N.	W.Va.	Grad, Raymond	N.Mex.
A.B. 1910, Marshall College		Grady, Florence Elizabeth	Tenn.
Foret, Marcel Jean	La.	Grav, George O.	Mo.
Fox, Ethel Spurgeon	Md.	Greenway, Nell	N.J.
Fox, Irving	N.Y.	Gregory, Mary Alexander	D.C.
Francis, Dale	Neb.	Ph.B. 1912, Bethany College	D.C.
Fraser, Ella Selma	D.C.	Grev, Douglas Talcott	D.C.
A.B. 1914, The George Washington		Grifoni, Elsa Louise	
University		Gross, Alfred Gregory	D.C.
Free, Richard Henry	Iowa	B.S. in M.E. 1933, The George	W.Va.
French, Ruth F.	Fla.	Washington University	
Freund, John	Mont.	Gummel, John Roscoe, Jr.	D.C.
Friedman, Abraham	D.C.	Gulenta, Amelitia Beryl	D.C.
Fries, Barbara H.	D.C.	A.B. 1932, University of West Virginia	D.C.
Frink, Alice	D.C.	Grunwell, Edward Francis	D.C.
Frye, William Neff	W.Va.	Gundersheimer, Jerome Edward	
Fulmer, John D.	Pa.	Gurley, Leila Virginia	
Futrovsky, Sam	D.C.	Gusack, Adele	

G

Gallagher, Kathryn I.	Mo.
B.S. 1910, Central Missouri State	
Teachers College	
Gapen, Grace Catherine	Iowa
A.B. 1927, Iowa Wesleyan College	
Garber, Elizabeth M.	Pa.
A.B. 1920, Hood College	

H

Hackerman, Irvin Norman	Mo.
Hagenbuch, John R.	
Hais, Harry Irving	
Haley, James W.	Iowa
Hall, Douglas Deane	
A.B. 1927, University of Virginia	
M.B.A. 1929, Harvard University	

Students Registered

ci

Hall, Elizabeth Owens B.S. 1929, Columbia University	D.C.	Hedrick, Alice Schweitzer A.B. 1911, Marshall College	W.Va.
Hall, Thomas Randolph A.B. 1933, The George Washington University	D.C.	Hedrick, Oppie Lee Hogg, Beatrice I.	W.Va. S.Dak.
Hallam, Henry Charles, Jr. Hamill, Harold Louis	D.C.	Heintel, Carl Frederick B.S. 1928, University of Iowa	Pa. Iowa
Hamill, John Stafford Hammond, Florence Fay	D.C.	Heiserman, Elbert George A.B. 1930, State University of Iowa	Iowa
Han, Shou Hsuan A.B. 1930, National University of Peking	D.C.	Heller, Eleanor A.	Ill.
Harden, Raymond George Harks, Clementine	China	Helmholz, Yedda Feldman A.B. 1928, University of California at Los Angeles	Calif.
Hartley, Gussie Mae Harbaugh, Melba Leonora	Iowa	Helvestine, William	D.C.
Harden, Jean Hasty, Glen E.	Mont.	Helwig, Richard A.	D.C.
A.B. 1930, University of Utah Hartin, Edgar F.	D.C.	Hemsterson, Ralph Leonard Henderson, Roy Burge	D.C.
B.S. 1928, M.S. 1930, Alabama Polytechnic Institute	D.C.	Henry, Edward E.	Wash.
Hartington, James Edward A.B. 1933, University of Montana	Utah	Herach, Albert Thomas A.B. 1928, Capital University	Ohio
Harris, John Ashton A.B. 1932, University of Richmond	Ala.	Herrmann, Christine Louise Herschkowitz, Aaron Louis	D.C. D.C.
Harris, John Law Harris, Laura	Mont.	Higbie, Howard Ernest B.S. in Ed. 1930, Eastern Teachers College, South Dakota	Colo.
Harrison, Hollis William Harrison, Louise Dulin	Va.	Higbie, Leslie Wilson	D.C.
Hartley, Charles Edward A.B. 1930, University of Florida	Nehr.	Hill, Anne Blair	D.C.
Hatvey, John Augustus B.S. 1931, University of Illinois	Va.	Hill, John Lyman	Wis.
Haskin, Nagel A.B. 1917, University of Maryland	Ark.	Hill, Marian Lynn B.S. 1932, State College of Indiana	Pa. D.C.
Hatch, Lorraine G. Hatchcock, Iethro McKinley	Va.	Hill, Marjorie Virginia	D.C.
A.B. 1926, Brigham Young University B.S. 1932, Mississippi State Teachers College	Fla.	Hillman, Samuel Hiscox, Nell Fremont	D.C. N.H.
Hake, Margaret Elizabeth A.B. 1928, Marshall College	D.C.	Hobbs, Robert Norman A.B. 1930, Bates College	D.C.
Haxcock, Bernadine James A.B. 1926, The George Washington University	D.C.	Hobbs, Robert Boyd Hochstetter, Leo D.	D.C. Pa.
Hayes, Robert D. Hayes, Bessie	Idaho	Hodge, Jean Hodgkins, George Wilson	Calif. D.C.
Hayes, Harry James Hayes, Mary Hazeline	Miss.	A.B. 1915, A.M. 1919, The George Washington University	D.C.
Hayes, A. Laura Hayes, Neelydt	Miss.	Hoffman, Edward Lewis B.S. 1929, Roanoke College	D.C.
Hayes, John Henry Hayes, Audrey Veronica	D.C.	Hohensee, Benjamin George	Me.
Hays, Arthur Hays, Arthur	W.Va.	Holcombe, Priscilla A.B. 1934, The George Washington University	Me. Idaho
Hedinger, Ernest Alfred Hedinger, Antoinette D.	D.C.	Holden, Robert B. Holladay, James Thomas	Ill.
Ill. B. 1921, The George Washington University	Fla.	B.S. 1933, Washington University	Ind.
	D.C.	Holovachka, Anne	D.C.
	D.C.	Honeror, Elizabeth	N.Y.
	S.C.	Hopkins, Robert B. I.	D.C.
	D.C.	Hopwood, Kate Elizabeth Locke	Me.
	D.C.	Horchbrook, Frank Wheeler, Jr.	Tenn.
	D.C.	Houston, Patis I. A.B. 1930, Lincoln Memorial University	D.C.
	Conn.	Howard, Dorothy Breeding A.B. 1926, Berea College	D.C.
	Va.	Howard, I. Ray	D.C.
	W.Va.	Howard, Ruth M.	D.C.
		Howe, William Ernest	D.C.

Howser, Philip Charles	Md.	Johannesen, George Thomas	D.C.
Hubbard, Jerome G.	D.C.	Johnson, Carl Dalton	D.C.
B.S. 1927, American University		Johnson, Emanuel R.	S.Dak.
M.S. 1928, Georgetown University		Johnson, Everett Royal	
Hubbel, Carter Carol	Wis.	B.S. 1934, Alaska Agricultural College	D.C.
Hughes, Carroll White	Kans.	and School of Mines	Ark.
A.B. 1932, The George Washington		Johnson, Frances Ashlin	Wis.
University		Johnson, Richard Gordon	Miss.
Hughes, Charles W.	D.C.	Johnson, Selmer L.	Mo.
Hughes, Jane	D.C.	Johnson, Suzanne	D.C.
Hughes, Joe D.	Ala.	Johnson, William Doyle	
Hull, Esther	Mass.	Johnson, William Roy	Mo.
A.B. 1925, The George Washington		B.C.S. 1924, New York University	
University		Johnston, Richard Leiter	N.Y.
Humphrey, Frank Talbott	Va.	B.S. 1929, Johns Hopkins University	Ark.
Hungerford, Harris Reeder	D.C.	Joiner, Fred H.	
Hunt, Charles M.	D.C.	Joiner, Ray L.	
B.S. 1934, The George Washington		Jones, Evelyn Wellington	S.Dak.
University		A.B. 1921, A.M. 1929, The George	
Hunt, Graham P., Jr.	Ohio	Washington University	
Hunt, Marion Wilson	Pa.	Jones, Helen Gertrude	D.C.
Hunt, Mervin LeRoy	Ohio	A.B. 1927, University of South Dakota	Iowa
B.S. in Ed. 1930, Muskingum College		Jones, John Courts	
Hunt, Patricia Catherine	D.C.	Jones, Wilber Glenn	
A.B. 1934, The George Washington		Graduate 1922, U.S. Naval Academy	D.C.
University		M.S. 1929, Harvard University	B.
Hunter, Daniel Orren	D.C.	Joray, Paul Armand	W.Va.
Hunter, Gilbert Thurston	Va.	Jordan, K. Ross	
Huntington, Audrey Irene	D.C.	Junkin, Charles Edwards	
Huson, Jennie Cora	Ohio		K
Hutchinson, Forney, Jr.	Okla.		D.C.
A.B. 1933, University of Oklahoma			D.C.
Hutton, John H., Jr.	D.C.	Kagen, Ethel Wool	
A.B. 1934, The George Washington		Kahler, Elizabeth	Ind.
University		B.S. 1933, The George Washington	
Hutto, George Mahlon	Ind.	University	
A.B. 1932, The George Washington		Kamm, Edmund William Emil	Pa.
University		B.S. in M.E. 1930, Purdue University	D.C.
		Kamsky, Israel B.	Pa.
		Kanelopoulos, Arthur Peter	
		Katsen, Bernard	
		Keatley, George Harold	
	D.C.	Ph.B. 1927, Dickinson College	
	Va.	LL.B. 1933, The George Washington	S.C.
	D.C.	University	D.C.
	P.I.		Okla.
	D.C.	Keels, Gene	
Ihlder, Richard		Keener, John R.	
Ihle, Dora Mildred		Keesecker, Jesse Lawrence	
Ireland, Katherine Roberta		Kellett, Blanche	Mo.
Irreverre, Filadelfo		A.B. 1928, Wesleyan College	N.Y.
Iwanicki, Charles P.		Kelly, John Lewis	
A.B. 1927, University of Pennsylvania		Kelso, Richard Edward	
B.F.S. 1930, Georgetown University		Kemple, Camilla	
		A.B. 1931, Wellesley College	
		Kennedy, Elmer B.	
		B.S. 1932, Alabama Polytechnic	Mo.
		Institute	Ind.
		Kennedy, Howard	
		Kennell, C. Raber	
		A.B. 1934, The George Washington	D.C.
		University	Mo.
		Kensinger, John LaVerne	
		Kent, Zolita M.	
Jessup, Gerald E.	Okla.		

I

J

Students Registered

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Kerby, John Hardy	D.C.	Laubinger, Ruth Clara	D.C.
Kerns, Josephine Adeline	Ga.	Lawrie, Clementena Newbold	D.C.
Ketcham, Betty	Mo.	Lawver, John E.	D.C.
Key, William Ward	Ohio	Lay, Inez	Tex.
A.B. 1928, Ohio Wesleyan University		B.S. 1928, North Texas State Teachers College	Ind.
Kierman, Paul Chapman	D.C.	Leahy, Margaret E.	
Kirchline, Emma	D.C.	A.B. 1924, DePauw University	D.C.
King, Lorraine LeBon	D.C.	Leane, Helen Drew	Mass.
Kincofe, Warren Curtis	D.C.	Leary, Theodore M.	Va.
Kirby, Burton Row	D.C.	Ledman, Hornbaker B.	Wis.
Kirk, James E.	D.C.	Lee, Donald E.	Mo.
Kleinlauf, Charles Edward	D.C.	Lee, Frank Miles	D.C.
Knaapp, Harrison	Pa.	Lee, Joseph Fitzhugh	Mo.
Kneetle, Velma Electra	D.C.	Leeper, Woodrow Sidney	Ind.
Knight, Wayne H.	Utah	LeGates, Eber Thomson	
A.B. 1933, University of Utah		B.S. 1928, University of Delaware	
Knoop, Victor H.	D.C.	LL.B. 1932, The George Washington University	D.C.
Knos, Lucy Lee Forney	D.C.	LeMénager, Henri Victor	Ariz.
Koehler, Arvel Maxwell	W.Va.	Leonard, Celma Roi	D.C.
Kolker, Sidney	D.C.	Levin, Sam	D.C.
Kong, Benjamin Fui	D.C.	Levine, Frank	D.C.
Konold, Florence	D.C.	Levine, Jack Louis	D.C.
Kosow, Herman J.	D.C.	Lewis, Herbert B.	D.C.
Kreuson, Eugene E.	D.C.	Lickey, Edgar Louis	D.C.
Kriegel, Abraham Bernard	D.C.	Lincoln, Harold Wayne	D.C.
B.Eng. 1929, Johns Hopkins University		Lind, Harold Kingsley	D.C.
Lambheim, Milton Stanley, Jr.	D.C.	Lindsay, Frank Gold	D.C.
A.B. 1933, Johns Hopkins University		Lindsay, B. Frank	Md.
Kruger, Gustav Otto	D.C.	Link, J. Harold	Md.
		Lipscomb, Andrew Adgate	Wash.
L		Little, Theodore H.	Va.
LaBar, Violettemae C.	N.C.	Livingston, Boynton Parker	Tenn.
LaPay, Adam Stanley	D.C.	Livingston, Eleanor	D.C.
Lambeth, Robert Bolling	Va.	Lloyd, Bolivar Joseph	D.C.
Lambros, Vasilios Simos	D.C.	Lloyd, Margaret Mabel	
Landacre, Arthur S.	N.J.	A.B. 1929, University of Southern California	D.C.
A.B. 1929, Davis and Elkins College		Logan, Marjory Allcutt	D.C.
Lannan, Lawrence Thomas	Minn.	Lohmann, Elsa	D.C.
Lappen, Sylvan Harold	D.C.	Lorenz, Eugene Hurdle	D.C.
Larcombe, John Ray	Va.	B.S. 1930, University of Pennsylvania	N.Y.
Larsen, Paul Bickmore	Idaho	Lough, Richard C.	Ark.
B.S. 1933, Utah State Agricultural College		Lovett, Tom Scott	
Larsen, Zelda	Utah	A.B. 1934, University of Arkansas	D.C.
A.B. 1932, Brigham Young University		Low, Ethel Klavens	N.J.
Larson, Vanner Timothy	D.C.	Low, Robert Chapin	D.C.
A.B. 1934, The George Washington University		Lucas, Bertha Lovell	D.C.
Lauby, Annie Willis	D.C.	Lusua, Margaret Frances	D.C.
A.B. 1933, The George Washington University		Lull, George F.	D.C.
Lathrop, Robert Park	D.C.	Lund, Earl Hildreth	
Latimer, Cecil	Fla.	B.S. 1922, C.E. 1933, University of Minnesota	D.C.
B.S. in E.E. 1925, Georgia Institute of Technology		Luria, Joseph	D.C.
Latimer, Gene, Jr.	Tex.	Lyle, Firman Powell	
Latona, Salvator J.	D.C.	B.S. in E.E. 1932, The George Washington University	Md.
Lattin, Ward E.	D.C.	Lyon, Rowland	
A.B. 1927, Detroit City College		A.B. 1929, A.M. 1932, The George Washington University	D.C.
LL.B. 1932, Georgetown University		Lyons, Jake Gee	
Laubach, Alice Frances	D.C.	A.B. 1932, Oklahoma University	

M

MacCoy, Edgar Milton, Jr.	D.C.	McCain, James Gordon	D.C.
MacGreen, Josephine Anne	Va.	A.B. 1911, The George Washington University	Mont. D.C.
A.B. 1926, Randolph-Macon Woman's College		McCall, John D.	
MacIntire, Louise Galbreath	D.C.	McCann, Thomas Lee	Neb. S.C.
A.B. 1916, Park College		Graduate 1921, U.S. Naval Academy	
Mackey, George McLaurine	D.C.	McCarter, Verna Ilene	Idaho
Mackey, Pauline L.	D.C.	McCay, George	
MacMaugh, Frances Emily	D.C.	B.S. 1912, College of Charleston	
MacMullan, Charles Francis	Md.	McClellan, Sidney	
A.B. 1912, The George Washington University		A.B. 1927, University of Idaho	
MacNeil, F. Stearns	Va.	LL.B. 1911, The George Washington University	
Madigan, John T.	N.Y.	McCloud, Walter D.	D.C.
Madison, Kenneth Menefee	Miss.	B.S. 1928, Ohio State University	Ind.
Magruder, John Kennedy	Va.	McConnell, Alma Ratcliffe	D.C.
A.B. 1912, University of Virginia		McConnell, Helen Laneta	Ind.
Magruder, Margaret Vane	Va.	B.S. 1920, University of Illinois	Ind.
Magruder, Marion Virginia	D.C.	McElroy, Sarah E.	Ind.
A.B. 1921, Randolph-Macon Woman's College		McFadden, Zoe Charlotte	Ind.
Maguire, Helen Ross	D.C.	McGibbons, Cecil	
Maizels, Albert Donald	D.C.	McGinley, Jean	
Manning, Martha Ellen	D.C.	B.S. in Ed. 1933, University of Missouri	
Marascio, Carolyn Cecile	D.C.	McGough, Thomas Francis	
Marbut, Frederick Browning	D.C.	McIntyre, Robert Varmon	
Marcum, Carlos Philip	D.C.	McKay, Arthur Gray	
Marcus, Robert Henry	Ill.	McKenzie, Mary Elizabeth	
A.B. 1911, American University		A.B. 1924, Oberlin College	
Markwell, Katherine	Kans.	A.M. 1920, Columbia University	
A.B. 1918, University of Kansas		McKinney, John Reid	
Martin, Elizabeth Hanna	D.C.	Graduate 1923, U. S. Naval Academy	
Martin, James Carlin	D.C.	McLean, Mildred Lois	
Martin, John Spence	D.C.	McLendon, Annabel	
Martin, Mabelle E.	D.C.	A.B. 1928, Georgia State College for Women	
Martin, Robert J.	Fla.	McPhearson, Terry M.	
Mason, E. Wellford	Md.	McPherson, David C.	
B.S. in M.E. 1930, The George Washington University		Meiring, Maryellen	
Mason, John T., Jr.	Ill.	Melpolder, Thomas Marshall	
Mason, Richard D.	D.C.	Mendez, Mariana	
B.S. 1920, A.B. 1931, E.E. 1932, University of Oklahoma		A.B. 1924, Polytechnic Institute of Puerto Rico	
Masson, Helen Burd	D.C.	Mensch, Ivan Norman	
A.B. 1920, The George Washington University		Meriam, Anne W.	
Mates, James Wilson	Pa.	Merritt, Fannie Fern	
A.M. 1925, University of Pittsburgh		Mesa, Walter Langdale	
Mattern, Stanley Grazer	D.C.	Meyers, Clara Belle	
Matthews, A. Marguerite	D.C.	Miho, Katsuro	
Matthews, Anne H.	D.C.	Mikuszewski, Charles John	
Mayers, Harry Ripley	Me.	Miles, Mary Elizabeth	
B.S. 1930, University of Maine		A.B. in Ed. 1930, University of Georgia	
Mazo, Sylvan Louis	D.C.	Miller, Blanche	
Mazzeo, John Babst	D.C.	Miller, Charles Wayne	
McAfee, George Deshon	D.C.	Miller, David A.	
McAlexander, Mary	D.C.	Miller, Dorothy J.	
McBride, Helen Anne	Ohio	A.B. 1911, The George Washington University	
A.B. 1930, Ohio University		Miller, Elizabeth Rebecca	
		A.B. 1930, The George Washington University	
		Miller, Ernest Yates	

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Miller, Rachel Moore	Miss.	Naecker, Louis Joseph	D.C.
Miller, Raymond	Md.	Nagac, Cayetano C.	P.I.
Miller, Rudolph Mark	Utah	Nail, Harry Craig	D.C.
Miller, Stanley W. P.	N.Mex.	Nance, Nellie Ward	Va.
A.B. 1931, University of New Mexico		A.B. 1911, The George Washington University	
Miller, Betty Streed	D.C.		
Mills, Edith S.	Calif.	Neely, Ruth Jeanette	D.C.
A.B. 1931, State College at San Joer, Calif.		Nelson, Manford Edward	Iowa
Mills, Ruth Durborow	Ariz.	Nelson, Marion Mae	Ilex.
Milofsky, Bernard	D.C.	Neslen, Clarence Cannon	Utah
Mims, David Hall	Va.	A.B. 1912, University of Utah	
Minkoff, Joseph Hyman,	D.C.	Newgord, Julius Girard	D.C.
Miser, Zelma Allen	D.C.	A.B. 1912, Amherst College	
Mish, Edith Galt	D.C.	Newhouse, Mildred Miriam	D.C.
Mitchell, Emiley Floyd	Md.	Newland, Paul	Ill.
A.B. 1930, A.M. 1931, The George Washington University		Newton, Beverly North	D.C.
Mitchell, James Orrel	D.C.	B.S. 1911, Wilson Teachers College	
A.B. 1929, Georgetown University		Nichols, Clark, Jr.	Okla.
Mohagen, Verna C.	N.Dak.	Nielson, Horton Haight	Idaho
A.H. 1934, The George Washington University		A.B. 1924, A.M. 1925, University of Utah	
Molater, Jean Lawson	D.C.	Niemeyer, Ernestine Helena	D.C.
Monroe, Julian Hubert	D.C.	A.B. 1924, The George Washington University	
Montes, Carmen A.	D.C.	Niemeyer, Gertrude E.	D.C.
Moore, S. Martha	D.C.	Nordberg, John J.	Minn.
A.B. 1932, The George Washington University		Norris, Thelma Lucille	Md.
Mooney, Elizabeth	Md.	A.B. 1928, Hood College	
Mooney, Winston Clark	Md.	Novinger, Faith Fairchild	D.C.
Moore, George Mansfield	D.C.	A.B. 1912, The George Washington University	
Moore, Howard Nelson	W.Va.	Nura, Alexander	Ill.
E.E. 1930, Cornell University		B.S.L. 1911, Northwestern University	
Moore, Margaret	D.C.	Nutter, John Barnett	D.C.
A.B. 1929, The George Washington University		Nye, William David	D.C.
Morgan, Grace Bevard	D.C.		
Morgan, Joseph Pope	Miss.		
Morgan, Robert Elonzo	W.Va.	O'Brien, Thomas D.	D.C.
Morgart, Lena	Pa.	O'Connell, Joseph Cecil	Pa.
Morison, James Peters	W.Va.	A.B. 1911, Catholic University of America	
Morris, Eleanor	Md.	O'Connell, Thomas Francis	Conn.
Morris, Sara Roberts	D.C.	O'Connor, Edward Joseph	N.Dak.
A.B. 1933, The George Washington University		O'Larev, John Elton	Wash.
Morris, Walter Newth	Va.	Oliver, Barton Dickson	Va.
Morrison, Elsie Grace	Md.	Olsen, Mabel Evelyn	N.Mex.
Morse, Grace O.	Ohio	A.B. 1929, University of New Mexico	
A.B. 1909, Defiance College		Olverson, John Benjamin, Jr.	D.C.
Morton, Irving Lee, Jr.	N.C.	O'Neill, Mary	Nev.
Mose, Claudine	Va.	A.B. 1930, University of Nevada	
Mount, Kenneth LeRoy	Va.		
Mulvaney, Eugene Joseph, Jr.	N.J.	Oram, Archie L.	Idaho
Murata, Jack	Calif.	Ornaby, Edmund B.	D.C.
Murphy, Thomas Francis	Mass.	Ornburn, Paul Raymond	D.C.
L.L.B. 1923, Georgetown University		Oruck, Albert Lewis	D.C.
Murberg, Raymond Walter	Minn.	Osbourne, Eugenia Hilleary	Va.
Muth, Raymond Francis	D.C.	Osgood, Elliott Dayton	D.C.
Myers, Gertrude	D.C.	Oxsen, Jay Jack	Conn.
		Oswald, Elizabeth I.	D.C.
		Owring, Rachel W.	D.C.
		Owen, Arthur	Ind.
Nackenoff, Jacob Leo	Nebr.		
B.S. in C.E. 1928, University of Nebraska			

P

Pagan, Oliver Elwood	D.C.	Pollard, Willard Lacy	Id
A.B. 1934, The George Washington University		B.S. in Ch.E. 1934, Notre Dame University	DC
Page, Harry C.	D.C.	Pollock, Ross, Jr.	
B.S. 1929, Missouri School of Mines		B.S. 1930, Lafayette College	DC
M.S. 1932, Union College		A.M. 1932, The George Washington University	DC
Painter, Eunice Merle Mozelle	Va.	Pomeroy, Katherine Livingston	Me
Paisley, Jack Newton	Ind.	Poole, Virginia Leigh	DC
Palmer, Ellen R.	D.C.	Poore, Allan Randolph	NY
Palmieri, Anthony Lewis	D.C.	Porter, George Wilbur	
Panneau, Webster G.	Okla.	A.B. 1910, Dartmouth College	Ind
B.S. 1926, The George Washington University		Porter, William Bracken	
Paris, Vinard LeVaine	N.Y.	A.B. 1921, University of Indiana	Id
Parker, Donald William	Conn.	Portnoy, Eunice Liebman	DC
B.S. 1931, The George Washington University		B.S. 1930, University of Chicago	DC
Parker, Jack Owen	Tex.	Posniak, Ellen Wynne	DC
Parker, Laurence	Md.	Potter, George Emory	Cal
Parker, William Louis	Tex.	Potter, Ralph F.	Cal
B.B.A. 1932, University of Texas		Powell, George Livingstone	Cal
Parish, Floyd Donald	Ill.	Powell, Milton, Jr.	Kan
Parsons, Donald J.	D.C.	Powelson, Robert	DC
Patten, Woolvin	Ga.	Prather, Dale	Cal
Patterson, Dorothy	D.C.	Preston, Martha Claudia	Ma
Patterson, Phyllis Lee	D.C.	Price, Jay Berry	
Paulson, Lynn Clifford	N.Dak.	Price, Leonard H.	
A.B. 1931, The George Washington University		A.B. 1933, The George Washington University	Ca
Payne, Harold McLeod	Va.	Price, Mabel Elizabeth	DC
A.B. 1930, Bridgewater College		B.S. in Ed. 1930, Mercer University	Pa
Payne, Nellie Angeline	Va.	Prince, Roy Webster	Cal
A.B. 1932, The George Washington University		Pringle, Dorothy Smallwood	
Pemfrev, John Joseph	D.C.	A.B. 1930, Goucher College	
Pergler, Vera	D.C.	Pritchard, Arthur Osborn, Jr.	
Persons, W. Frank, Jr.	D.C.	A.B. 1932, Pomona College	DC
Peth, Kenneth W.	Wash.	A.M. 1934, Columbia University	DC
A.B. 1931, University of Washington		Pyle, Lawrence A.	
Petrides, George A.	D.C.	Pyles, John Chester, Jr.	
Petteys, Mrs. George A.	D.C.	A.B. 1932, Dartmouth College	
Pewett, Edwin Henkel	Ark.		
Phares, Alan Brelaford	Kans.	Q	NY
A.B. 1934, Wichita University		Quasha, Sol	NY
Phillips, Bernath Eugene	D.C.	Quick, James Clifton	
Phillips, Donald D.	Kans.	A.B. 1932, The George Washington University	DC
Phillips, Mary Alice	Me	Quigley, Bruce Shull	Me
Philpitt, Helen Carolyn	Fla.	Quijano, Gregario R.	
B.S. 1911, Wilson Teachers College			
Pickens, Henri B.	D.C.	R	NY
Pierce, Mary-Elizabeth	Mass.	Racioppi, Rose Marie	DC
Pierson, William Theodore	Iowa	Raebach, Aaron Lesse	NY
Pile, Elizabeth Caywood	D.C.	Ramey, Elizabeth Margaret	
Pinck, Esther Suraaky	D.C.	A.B. 1929, The George Washington University	Cal
A.B. 1912, Winthrop College		Randall, George W.	Ind
Plunge, Virginia	D.C.	Raplinger, J. Harold	Ind
Polacoff, Molly	Va.	Rauch, Sarah	
A.B. 1912, The George Washington University		A.B. Chickason College	DC
Polacoff, Yetta	Va.	L.L.B. 1931, Cumberland University	Ind
A.B. 1932, The George Washington University		Rawlings, Fred B.	DC
		Read, Baryle Roosevelt	
		Read, Herbert A.	

Students Registered

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Reamy, Susie Dell B.S. 1933, Georgia State College for Women	Ga.	Rubin, Hannah	N.Y.
Reavis, Martha Louise B. 1928, Womans College of the University of North Carolina	N.C.	Rudd, Elizabeth Draper	Md.
Reed, Hallie Mae	D.C.	Ruhl, Charles George	D.C.
Reed, Margaret Burton	D.C.	Russell, Frank B.	Ala.
Reeves, Bradley	D.C.	A.B. 1930, University of Alabama	
Reeves, Howard Gendell	Va.	Russell, Mary Potter	D.C.
Regar, Sarah Harriet	D.C.	Ruymann, William Gladstone	Nev.
Reid, Audrey Eva	Va.	A.B. 1920, University of Southern California	
Reid, Thomas Walter	Utah	S	
Remaley, J. W. Crane A.B. 1929, University of Pittsburgh	Pa.	Salisbury, Clarence Arnold	Kans.
M.S. 1931, Pennsylvania State College		A.B. 1934, The George Washington University	
Reynolds, George E. Swann	D.C.	Salloom, Edward Adeeb	D.C.
Reynolds, Robert Theodore	Va.	Salomon, Emery Leo	Mo.
Rezek, Joel B.S. in Eng. 1933, The George Washington University	D.C.	Sampath, Shadiak	India
Rhine, George E.	D.C.	Sanders, Halford Ballou	D.C.
Rhinehart, Walter Leon	D.C.	A.B. 1930, Harvard University	
Rine, Mary Evangeline	D.C.	Sanderson, Alice Irene	D.C.
Richards, Karl Morgan	D.C.	Saunders, Walton Norman	D.C.
A.B. 1927, University of Utah	Utah	Sawyer, Richard Leigh	
Richardson, Myrtle	Ala.	B.S. 1932, The George Washington University	
Richardson, Alice	D.C.	Scharinger, Anna	Md.
Rider, Letitia Houston	Va.	Schmidt, Claudia	Mass.
Rigby, Scott G.	Iowa	Schmitz, Paul Joseph	Wis.
Riley, James O.	D.C.	B.S. in M.F. 1926, Purdue University	
Ringness, Henry R.	Minn.	Schneider, Bertha Prendergast	D.C.
Rodon, Adelaide Kirk	Va.	Schoenherr, Angela Horton	Va.
A.B. 1930, Randolph-Macon Woman's College	Pa.	Schofer, Arthur J.	D.C.
Ritchey, Marie E.	D.C.	Schreiber, Margaret Dearborn	D.C.
Ritterour, John Russell	Md.	Schropp, Edna Mary	N.Dak.
Rivach, Etha Batts	Wash.	Ph.B. 1915, Denison University	
A.B. 1917, Washington State College	D.C.	A.M. 1925, Columbia University	
Riark, Lottie M.	Md.	Schwartz, Sylvia Teresa	D.C.
Robbels, Berthe Eugene	D.C.	A.B. 1934, The George Washington University	
Roberts, James Auburn	D.C.	Scott, James McClure	Va.
Graduate 1921, U.S. Naval Academy	D.C.	Seaton, Robert McQuain	D.C.
Robertson, Frank Wright	D.C.	Sedgwick, Mildred Lucile	Pa.
B.S. 1933, Columbia University	D.C.	Seigmiller, Mushie	Utah
Robertson, James C., Jr.	Va.	Seidler, Alonzo LePage	Md.
Robertson, Magnus Florence	D.C.	Seitz, C. Elizabeth	Mont.
Robins, Albert Irving	D.C.	B.S. 1931, Montana State College	
Robinson, Elizabeth Winona	D.C.	Settle, Russell	D.C.
A.B. 1934, The George Washington University	D.C.	Shackelford, H. Clay	D.C.
Robinson, Howard Randolph	Ohio	Shaw, Haylett Bigelow	D.C.
Roca, Paul McLennan	Ariz.	Shea, Joseph William	Mass.
A.B. 1933, University of Arizona		A.B. 1931, Boston College	
Rodeck, Herbert Alfred	Ill.	Sherbondy, Donald J.	Pa.
A.B. 1933, The George Washington University		A.B. 1930, Ohio Wesleyan University	
Romia, Clyde Edison	D.C.	A.M. 1931, American University	D.C.
Romney, Charles Wileken	Utah	Sherman, Oscar Louis	China
Rosenbaum, Julius	D.C.	Shieh, Jen Choa	Ohio
Rosenberg, Maurice D., Jr.	D.C.	Shilling, Katherine	
Rounds, Elizabeth Wilkinson	D.C.	A.B. 1928, Wellesley College	D.C.
Rout, Sara Pierce	D.C.	Shulman, Rachel	Ill.
Rouland, Henry Cortrell	Va.	Shumaker, Loch	
	D.C.	B.S. 1932, University of Illinois	
		Sibbets, James Harper	Mich.
		Sichiano, Anthony	N.J.
		Siders, Edith M.	Mo.

- Sidle, Kermit Edward
Siferd, Willis S., Jr.
A.B. 1931, Dartmouth College
Siffrin, Susie Utz
Sigal, Jules
Silverman, Meyer
Silverman, Robert Israel
A.B. 1932, The George Washington University
Simon, Albert C.
Simpson, Faust Young
Simpson, O'Wighton Delk
Singeltary, Marian Pitt
Skelton, Edythe Lillian
Slaton, Clara Barnett
A.B. 1932, University of Georgia
Slabas, Gerard Bernard
Smalley, Henry S
A.B. 1934, The George Washington University
Smith, A. Leonard
Smith, Berthe Merriam
A.B. 1910, Goucher College
Smith, Clyde Willard
Smith, Derryheld N.
Smith, Egerton
Smith, Hazel Albert
Smith, Herbert Francis
Smith, James Sermon
B.S. 1929, Utah State Agricultural College
Smith, Kathryn B.
Smith, Lacy Hull
Smith, Lenore C.
B.S. in Ed. 1911, University of Cincinnati
Smith, Marie Lane
Smith, Paul Emerson
Smith, Philips
B.S. 1933, Princeton University
Smith, Russell
A.B. 1934, University of Alabama
Smith, Vernon Temple
Smoot, H. Kenneth
A.B. 1931, The George Washington University
Snowberger, Garnet
Snyder, Harry, Jr.
Snyder, Henry S.
Sobrinio, José
Sorrell, Joseph Ellis
A.B. 1930, The George Washington University
Spahr, Effie Mildred
Spangler, Mary C
B.S. 1933, The George Washington University
Sparks, Floyd I.
Spencer, Melville Wright
Spivak, Joseph Harry
Spooner, Beth
Sproul, Mary Thornton
A.B. 1932, The George Washington University
Spund, Ellen June
Ohio
Squire, Minnie C.
A.B. 1922, A.M. 1928, The George Washington University
D.C.
Conn.
N.Y.
D.C.
Seansbury, Alma-Lou Copeland
Stanton, Julia V.
Stauffer, David Rinehart
A.B. 1913, The George Washington University
Va.
Ky.
Va.
Fla.
Va.
Ga.
Steinberg, Joseph
Steiner, Edward Thomas
Stephen, Hazel Earnest
Steuart, Allen W.
Stevens, Russell Bradford
Stewart, Dorothy Brooke
Stigall, John Oliver
A.B. 1929, Dartmouth College
Idaho
A.B. 1912, Oxford University
Stigall, Mary C.
Stimson, Jesse LeRoy
Story, Margaret
Pa.
Pa.
A.B. 1932, University of Georgia
Stotelmver, George Benton
Ill.
Strauss, Albert James
D.C.
Strout, Ross Presley
D.C.
Studv, Earl H.
Mo
Stull, Louise Jacobs
D.C.
Stula, Janet Courtney
Utah
Suber, James Whitley
B.S. 1928, Mississippi Agricultural and Mechanical College
Fla.
M.B.
Ohio
M.S. 1910, The George Washington University
Sullivan, Benjamin H.
Sullivan, James Bascoe
A.B. 1912, Mercer University
A.M. 1923, Columbia University
Md.
Md.
Ph.D. 1911, The George Washington University
Sullivan, Vincent Leo
Ala.
Sundav, Helen Christina
Supior, Ann M
Va.
Suvan, Thong Dee
D.C.
Swanson, Harold A
B.Ch.E. 1930, Northeastern University
Sweeny, Charles A.
Swingle, Allan Calvert
Ind.
D.C.
D.C.
P.R.
D.C.
Talbutt, George W.
Taylor, Albert Lee
Taylor, Ansel Newel
D.C.
Taylor, Bertha E.
D.C.
A.B. 1926, The George Washington University
Taylor, Howard Done
S.Dak.
D.C.
Conn.
Kans.
Ga.
Taylor, Melba Keller
Taylor, Neva I
Teaslev, Edgar W.
Tevie, Ruth
Thirloway, William Harvey
Thom, Alfred Pembroke, 1d
Thom, Conway Whittle

Students Registered

CIX

Thomas, Alonzo Morgan	D.C.	Waller, Philip David	Ind.
Thomas, Edwin Moroni	Colo.	Waltemver, Claude M.	D.C.
B.S. in Eng. 1934, The George Washington University		Walter, Paul Bradbury	Ill.
Thomas, Emerson Wood	Md.	B.S. 1925, Dartmouth College	
Thorne, Francis B.	D.C.	Wang, Kwan Hsien	D.C.
Thurber, Peattie Mae	D.C.	Ward, Chester Charles	D.C.
A.B. 1927, The George Washington University		B.S. 1911, Georgetown University	
Tilden, Richard A.		Ward, Kathryn Marguerite	D.C.
Tinsley, Jack Paul	Calif.	Ward, Martha F.	D.C.
Tobey, Charles William, Jr.	Va.	Ware, Logan R.	W.Va.
Tomlin, Carl William	N.H.	Warner, Harold Ellsworth	D.C.
B.S. in Eng. 1933, The George Washington University	Mo.	A.B. 1911, A.M. 1920, Ph.D. 1931, The George Washington University	
Toohaker, Lolita G.	Kans.	Warner, Mary Frances	D.C.
Trail, William Perry	D.C.	Waters, Allen L.	Wash.
A.B. 1927, Western Maryland College		Waters, Helen Margaret	D.C.
Trammell, Margaret Elizabeth	Tex.	Watkins, Kennedy Campbell	D.C.
Trice, Merrill L.	Utah	A.B. 1932, The George Washington University	
A.B. 1933, University of Utah		Watson, John Paul	Okla.
Fripp, Dorothy L.	D.C.	A.B. 1928, Oklahoma Baptist University	
Trullinger, Virginia	D.C.	Watts, Charles Albert	D.C.
Trumble, Edward John	Va.	Webb, Ina	Utah
Graduate 1925, U.S. Naval Academy		A.B. 1910, A.M. 1931, Brigham Young University	
Tsu, Tawen-ling	D.C.	Weber, Charles Dunkhorst	D.C.
A.B. 1928, University of Shanghai		Weber, Harry Frederick	D.C.
Tudor, Joseph Harrison	N.Y.	Wehner, William Gordon	N.Y.
Turner, Isabelle Florence	Ohio	West, John Allen	D.C.
A.B. 1930, Ohio University		Weiman, Dorothy May	D.C.
Tworek, John Alfred	D.C.	Weinberg, Albert	N.Y.
Tyne, Margaret Virginia	D.C.	Weinberg, Joseph Harry	D.C.
U		Weintraub, I. Irving	N.Y.
Ullman, Jerrold Berthold	D.C.	Werner, Myrtle King	D.C.
A.B. 1933, The George Washington University		Wertz, Hugh Slater	D.C.
V		B.S. in E.E. 1929, The George Washington University	
Vallasteros, Pastor Cristobal	P.I.	M.S. in E.E. 1931, Massachusetts Institute of Technology	
Vandervoort, Benjamin Franklin	Md.	Wertz, William H. H.	Ohio
C.E. 1908, Rensselaer Polytechnic Institute		A.B. 1933, Washington and Lee University	
M.S. 1927, Massachusetts Institute of Technology		West, Frances A.	Okla.
Vander Zwart, Richard Peter	Mich.	A.B. 1926, Northwest State Teachers College, Alva, Okla.	
Van Dyke, Oro Lamont	Utah	West, Margery Hurd	D.C.
Varela, Arthur Alexis	D.C.	West, Wilburn C.	Utah
B.Eng. 1930, Johns Hopkins University		Wester, Robert Emerson	D.C.
Vartia, Karl O.	Mont.	A.B. 1930, The George Washington University	
Varghan, Thomas R.	Ark.	White, Richard M.	D.C.
Vickers, Rose Margaret	D.C.	A.B. 1930, University of Maryland	
A.B. 1925, The George Washington University		Whiting, Charles Jonathan	Me.
Villaseenor, Victor M.	Mexico	Graduate 1926, U.S. Naval Academy	
L.L.B. 1926, University of Michigan		Whitley, Ralph Davis	Ark.
von Boetticher, Friedrich H.	D.C.	Whitton, Abigail	Md.
Vorkoeper, Dwight Henry	D.C.	Widome, A. Allen	D.C.
Vorkoeper, William John	D.C.	Widome, Blanche	D.C.
W		A.B. 1934, The George Washington University	
Waldman, Jacob	Pa.	Wiedmann, Grace C.	N.Y.
A.B. 1929, University of Pennsylvania		Wildman, Herbert Tuttle	Conn.
Walker, Edwin Lee	Fla.	Wilkie, Edward Charles	D.C.
		Wilkinson, Entoe	D.C.

Willard, Henry Randolph	Ma.	Wood, Lynn G.	1913
Willcoxon, Josiah Lovell, Jr.	Va.	A.B. 1933, University of Utah	14
Willett, Howard Clark	D.C.	Woodin, Tom	15
Williams, Ames William	N.J.	Woodin, Virginia	
Williams, Doris	D.C.	A.B. 1926, The George Washington University	D.C.
B.S. 1928, New York State College for Teachers		Woodley, Priscilla Edna	D.C.
Williams, Harry MacFarland, Jr.	Calif.	Woodruff, Louise L.	15
Williams, Robert Manning	Okla.	Woods, Richard Otis	
Williams, Robert Snead	D.C.	B.S. 1928, Kent State Normal School	16
A.B. 1928, The George Washington University		Woodside, Lehman Frank	D.C.
Willoughby, Grace Elizabeth	N.Y.	Woodward, Everett Harry	Va.
A.B. 1933, The George Washington University		Worley, Eleanor Farmer	16
Wilson, Allen Morgan	D.C.	Wright, Harry Otis	16
Wilson, Chester LeRoy	Va.	Wright, Young Jefferson	16
Wilson, Creola Daniel	Va.	Wyatt, Wanda	D.C.
Wilson, George Wood, Jr.	N.C.	Wynkoop, John Russell	
A.B. 1933, University of North Carolina		Wythe, Zoe Florence	
Wilson, Norman Woodrow	D.C.		Y
Wilson, Robert Beryl	Md.	Yahl, Ruth Katherine	Ob.
B.S. 1925, Cumberland University		Yood, Morris Marvin	D.C.
Wilson, S. Stuart	W.Va.	Yost, Robert Charles	16
A.B. 1927, Marietta College		Young, Maude Elizabeth	16
Wingard, Jay Francis	Pa.	Young, Percy Coffee	
A.B. 1927, Ohio Northern University		A.B. 1917, Trinity College	
Winn, Juanita May	D.C.		Z
A.B. 1933, The George Washington University		Zartman, Ross Barnard	D.C.
Winston, William Dix	Ky.	Zebley, Frances E.	D.C.
Wise, Maurine	Va.	Zeh, James M.	N.Y.
Wischart, Harold H.	Ind.	Zepp, LeRoy S.	D.C.
Witucki, Bernard Francis	Conn.	Ziman, Edward Allan	N.Y.
Witasiaak, Frank Josef	Pa.	Zuras, Maria Amelia	D.C.
Wolf, Alan Maxwell		A.B. 1934, American University	16
A.B. 1931, Dickinson College		Zwillinger, Hilda Antoinette	
Wood Elizabeth	Miss	A.B. 1934, The George Washington University	
A.B. 1930, University of Mississippi			

SUMMARY OF REGISTRATION

1934-35

THE JUNIOR COLLEGE

Freshmen.....	1,278
Sophomores.....	871
Independent study group.....	14
Unclassified students.....	79
	<hr/>
	2,242

COLUMBIAN COLLEGE

Juniors.....	194
Seniors.....	168
Candidates for the Master of Arts degree.....	247
Unclassified students.....	18
	<hr/>
	627

THE GRADUATE COUNCIL

Candidates for the Doctor of Philosophy degree.....	36
	<hr/>
	36

THE SCHOOL OF MEDICINE

First year.....	81
Second year.....	68
Third year.....	71
Fourth year.....	71
	<hr/>
	291

THE LAW SCHOOL

First year.....	596
Second year.....	220
Third year.....	179
Candidates for the Master of Laws degree.....	12
Unclassified students.....	7
Special students.....	4
	<hr/>
	1,018

THE SCHOOL OF ENGINEERING

Freshmen.....	153
Sophomores.....	98
Juniors.....	76
Seniors.....	58
Unclassified students.....	38
	<hr/>
	423

THE SCHOOL OF PHARMACY

Candidates for degrees in Pharmacy.....	13
---	----

THE SCHOOL OF EDUCATION

Juniors.....	59
Seniors.....	89
Candidates for the Master of Arts degree.....	117
Candidates for the Doctor of Education degree.....	15
Unclassified students.....	7

THE SCHOOL OF GOVERNMENT

Juniors.....	40
Seniors.....	26
Candidates for the Master of Arts degree.....	15
Unclassified students.....	3

THE DIVISION OF UNIVERSITY STUDENTS

University students.....	1,204
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THE DIVISION OF LIBRARY SCIENCE

Juniors.....	13
Seniors.....	25
Candidates for the Master of Arts degree.....	13
Unclassified students.....	15

THE DIVISION OF FINE ARTS

Juniors.....	13
Seniors.....	11
Candidates for the Master of Arts degree.....	2
Candidates for the Bachelor of Fine Arts degree.....	1
Candidates for the Master of Fine Arts degree.....	2
Unclassified students.....	6

Students registered, Academic Year 1934-35

Students registered, Summer Sessions 1934

Total registrations

Duplicates

Total number of students registered

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

1934-35

Alabama	54	Oregon	21
Arizona	23	Pennsylvania	242
Arkansas	81	Rhode Island	17
California	82	South Carolina	53
Colorado	49	South Dakota	34
Connecticut	63	Tennessee	42
Delaware	20	Texas	100
District of Columbia	3,302	Utah	145
Florida	37	Vermont	11
Georgia	71	Virginia	509
Idaho	72	Washington	55
Illinois	160	West Virginia	78
Indiana	90	Wisconsin	61
Iowa	97	Wyoming	14
Kansas	95	Alaska	1
Kentucky	55	Canal Zone	1
Louisiana	16	China	8
Maine	40	Czechoslovakia	1
Maryland	448	Denmark	1
Massachusetts	90	France	1
Michigan	79	Germany	1
Minnesota	62	Hawaii	2
Mississippi	60	India	2
Missouri	94	Italy	1
Montana	40	Mexico	2
Nebraska	48	Panama	3
Nevada	16	Persia	1
New Hampshire	13	Philippine Islands	15
New Jersey	100	Puerto Rico	15
New Mexico	33	Siam	2
New York	296	Switzerland	3
North Carolina	68	Turkey	1
North Dakota	32		
Ohio	123	Total	7,530
Oklahoma	99		

THE SCHOOL OF MEDICINE
1935-36

THE
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WASHINGTON
UNIVERSITY
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No. 3

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WASHINGTON, D.C.

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BY THE UNIVERSITY

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CALENDAR OF THE SCHOOL OF MEDICINE

1935-36

Date	Days	Occasion
1935:		
September 23	Monday	Pre session examinations
September 21, 23-24	Saturday, Monday, and Tuesday	Registration period for the year
September 25	Wednesday	Academic year begins
October 8	Tuesday	Last day for late registration
October 16	Wednesday	Fall Convocation
November 28-30	Thursday to Saturday, both dates inclusive	Thanksgiving recess
December 21-January 2	Saturday to Thursday, both dates inclusive	Christmas recess
1936:		
January 3	Friday	Classes resumed
January 6	Monday	Last day for applications for degrees to be conferred in February
January 25-February 1	Saturday to Saturday, both dates inclusive	Midyear examination period
February 7	Friday	Classes resumed for the second semester
February 22	Saturday	Midwinter Convocation. Holiday
April 10-15	Friday to Wednesday, both dates inclusive	Easter recess
May 1	Friday	Last day for applications for degrees to be conferred in June
May 29-June 6	Friday to Saturday, both dates inclusive	Final-examination period
May 30	Saturday	Memorial Day. Holiday
June 7	Sunday	Baccalaureate Sermon
June 10	Wednesday	Commencement
September 19, 21-22	Saturday, Monday, and Tuesday	Registration period for the academic year 1936-37

THE BOARD OF TRUSTEES

The Board of Trustees of the University is comprised of the President of the University, *ex officio*, and the following persons by election:

1935

- *Avery DeLano Andrews, LL.B., 48 Wall Street, New York City.
- Clarence Aiken Aspinwall, 1140 Fifteenth Street.
- *John Joy Edson, LL.B., 915 F Street.
- Mrs. Joshua Evans, Jr., A.B., Ed.D., 3405 Lowell Street.
- William James Flather, Riggs National Bank.
- John Hays Hammond, A.M., E.D., LL.D., 2221 Kalorama Road.
- Abram Lisner, A.M., 1723 Massachusetts Avenue.
- Charles Riborg Mann, Ph.D., Sc.D., 744 Jackson Place.
- Walter Rupert Tuckerman, A.B., LL.B., Bethesda, Md.

1936

- Karl William Corby, B.S., Hibbs Building.
- Harry Cassell Davis, A.M., LL.D., 1921 Kalorama Road.
- *George Edgar Fleming, LL.M., Union Trust Company.
- Charles William Gerstenberg, LL.B., 70 Fifth Avenue, New York City.
- Ulysses S. Grant, 3d, Graduate United States Military Academy and United States Engineers' School, Fort Detrick, Del.
- Gilbert Grosvenor, A.M., LL.D., Litt.D., National Geographic Society.
- Alfred Henry Lawson, LL.B., Washington Loan and Trust Company.
- Theodore Williams Noyes, A.M., LL.M., LL.D., The Evening Star.
- John Barton Payne, LL.D., 1601 Eye Street.
- *Luther Halsey Reichelderfer, M.D., LL.D., 1661 Crescent Place.

1937

- *Bennett Champ Clark, A.B., LL.B., Senate Office Building.
- John Henry Cowles, 1733 Sixteenth Street.
- Robert Vedder Fleming, Riggs National Bank.
- Julius Garfinckel, Fourteenth and F Streets.
- Charles Carroll Glover, Jr., A.M., LL.B., Riggs National Bank.

*Nominated by the alumni.

Stephen Elliott Kramer, A.M., Ed.D., Franklin Administration Building.

Arthur Peter, LL.B., Washington Loan and Trust Building.

Mrs. Henry Alvah Strong, 2101 Connecticut Avenue.

Merle Thorpe, A.B., United States Chamber of Commerce Building.

*Alfred Adams Wheat, A.B., LL.B., LL.D., District Court House.

Chairman of the Board of Trustees

Vice Chairman of the Board of Trustees

Arthur Peter

Secretary of the Board of Trustees

Harry Cassell Davis

*Nominated by the Alumni.

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William Allen Wilbur, A.M., Litt.D., LL.D., *Provost of the University.*
Charles Wendell Holmes, *Comptroller of the University.*
Harold Griffith Sutton, M.S., *Director of Admissions.*
John Russell Mason, B.S. in L.S., A.M., *Librarian of the University.*
Fred Everett Nessell, A.B., *Registrar of the University.*
Robert Whitney Bolwell, Ph.D., *Dean of the Summer Sessions.*
Vinnie Giffen Barrows, A.M., *Director of Women's Personnel Guidance.*
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration.*
Alan Thomas Deibert, A.M., *Adviser to Students from Foreign Countries.*

THE SCHOOL OF MEDICINE

- Earl Baldwin McKinley, A.B., M.D., *Dean of the School of Medicine.*
Walter Andrew Bloedorn, A.M., M.D., *Assistant Dean of the School of Medicine: Medical Director of the University Hospital.*
Frank Adelbert Hornaday, M.S., M.D., *Assistant Director of Admissions.*

STAFF OF INSTRUCTION IN MEDICINE

EMERITUS LIST

WILLIAM KENNEDY BUTLER, A.M., M.D., <i>Professor Emeritus of Ophthalmology.</i>	5 Quincy St., Chevy Chase, Md.
HURON WILLIS LAWSON, M.S., M.D., <i>Professor Emeritus of Obstetrics and Gynecology.</i>	1717 N St.
BUCKNER MAGILL RANDOLPH, M.D., <i>Professor Emeritus of Clinical Medicine.</i>	Lanquin, Pa.
STERLING RUFFIN, M.D., Sc.D., <i>Professor Emeritus of Medicine.</i>	Connecticut Apts.
DANIEL KERFOOT SHUTE, A.M., M.D., Sc.D., <i>Professor Emeritus of Clinical Ophthalmology</i>	1727 DeSales St.

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HARRY FORD ANDERSON, M.D., <i>Associate Professor of Dermatology and Syphilology.</i>	1717 Poplar Lane.
NORVELL BELT, A.B., M.D., <i>Clinical Instructor in Urology.</i>	218 Wilson Lane, Edgemoor, Md.
FREDERICK LESLIE BENTON, M.D., Sc.D., <i>Clinical Instructor in Ophthalmology.</i>	4928 Reservoir Rd
WALTER ANDREW BLOEDORN, A.M., M.D., <i>Professor of Medicine; Assistant Dean of the School of Medicine; Medical Director of the University Hospital.</i>	65 Cruik Lane, Cherrydale Va
BOYCE RICHARDSON BOLTON, M.D., <i>Assistant Professor of Oto-rhino-laryngology</i>	2922 Upton St.
DANIEL LERAY BORDEN, A.M., M.D., <i>Associate Professor of Surgery; Director of Health Administration; University Surgeon.</i>	The Rochambeau.
JETER CARROLL BRADLEY, M.D., <i>Clinical Instructor in Oto-rhino-laryngology; Associate University Physician.</i>	4433 Q St.
LEO T. BROWN, M.D., <i>Clinical Instructor in Medicine.</i>	4000 Cathedral Ave.

RADFORD BROWN, M.D. <i>Professor of Obstetrics and Gynecology.</i>	2914 P St.
EDWARD ALEXANDER CAFRITZ, M.D., <i>Clinical Instructor in Surgery.</i>	Westchester Apts.
WILLIAM WILEY CHASE, A.B., M.D., <i>Clinical Instructor in Surgery.</i>	1650 Harvard St.
ALAN JEFFRIES CHENERY, M.D., <i>Associate in Urology.</i>	4330 Forest Lane
ELIZABETH EMERY CHICKERING, A.B., M.D., <i>Clinical Instructor in Pediatrics.</i>	3601 Connecticut Ave.
CLINE N. CHIPMAN, M.D., <i>Associate in Anesthesia.</i>	1420 Rhode Island Ave.
ROGER MORRISON CHOISSE, B.S., M.D., <i>Professor of Pathology.</i>	3500 36th St.
LAURENCE LEE COCKERILLE, M.D., <i>Clinical Instructor in Obstetrics and Gynecology.</i>	4929 4th St.
HAZEN EUGENE COLE, B.S., M.D., <i>Clinical Instructor in Surgery.</i>	639 E. Capitol St.
JAMES LLOYD COLLINS, A.B., M.D., <i>Clinical Instructor in Surgery.</i>	1650 Harvard St.
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PHOEBE JEANNETTE CRITTENDEN, Ph.D., <i>Instructor in Pharmacology.</i>	106 W. Underwood St., Chevy Chase, Md.
HENRY LAURAN DARNER, A.B., M.D., <i>Associate in Obstetrics and Gynecology.</i>	LaSalle Apt.
DAVID DAVIS, A.B., M.D., <i>Associate in Oto-rhino-laryngology.</i>	3900 Cathedral Ave.
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PAUL FREDERICK DICKENS, B.S., M.D., <i>Clinical Instructor in Medicine.</i>	3727 Reservoir Rd.
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HARRY HAMPTON DONNALLY, A.M., M.D., <i>Professor of Pediatrics.</i>	High Acres, Conduit Rd.
HARRY FILMORE DOWLING, A.B., M.D., <i>Clinical Instructor in Medicine.</i>	2111 Bancroft Pl.
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ADDISON McGUIRE DUVAL, M.D., <i>Clinical Instructor in Psychiatry.</i>	St. Elizabeth's Hospital
VINCENT DU VIGNEAUD, Ph.D., <i>Professor of Biochemistry.</i>	4000 Cathedral Ave.
HELEN MARIE DYER, A.M., <i>Associate in Biochemistry.</i>	Tilden Gardens.
WATSON WILLIAM ELDRIDGE, M.D., <i>Associate in Medicine.</i>	St. Elizabeth's Hospital.
PAUL JACOB EWERHARDT, M.D., <i>Clinical Instructor in Psychiatry.</i>	3322 McKinley St.
RUSSELL JOSEPH FIELDS, B.S., M.D., <i>Clinical Instructor in Dermatology and Syphilology.</i>	1028 Connecticut Ave.
AUBREY DAVID FISCHER, M.D., <i>Clinical Instructor in Oto-rhino-laryngology.</i>	3305 Woodley Rd.
ALMA FOGELBERG, M.S., <i>Associate in Physiology.</i>	5750 Oliver St.
THEODORE CLAREMONT CHEN FONG, M.D., <i>Clinical Instructor in Dermatology and Syphilology.</i>	1374 Somerset Pl.
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Duane Case Richtmeyer, M.D., *Visiting Pathologist.*

SPECIAL CONSULTANTS

- William Beverley Mason, M.D., *Consultant in Oto-rhino-laryngology.*
Harry Hampton Donnally, A.M., M.D., *Consultant in Pediatrics.*
William Johnston Mallory, A.M., M.D., *Consultant in Medicine.*
Francis Randall Hagner, M.D., *Consultant in Urology.*
Charles Augustus Simpson, M.D., *Consultant in Dermatology.*
William Thornwall Davis, M.D., *Consultant in Ophthalmology.*

GENERAL INFORMATION

INTRODUCTORY

The School of Medicine of The George Washington University, the eleventh medical school established in the United States, opened in March 1825. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which has been designated continuously as class "A" by the American Medical Association. The degrees of the School of Medicine are recognized by all State examining boards.

LOCATION AND ADVANTAGES

The city of Washington, with more than a half-million inhabitants, provides abundant clinical material. The University Hospital and Dispensary furnish clinical facilities and a large proportion of the materials studied in the courses in Pathology and Clinical Microscopy.

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various Government departments, is open to medical students.

The Army Medical Museum affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequaled by any other museum in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture, all afford opportunities for study in Medicine and its allied sciences.

Aside from the special advantages offered for the study of Medicine, the cosmopolitan character of the city of Washington, its mild climate, its beauty, and its broad interests as the seat of the National Government, make it an ideal place for a medical student to pass four years of study.

EQUIPMENT

Medical School Building.—The building housing the School of Medicine is a modern, five-story structure with lecture- and classrooms, laboratories, and students' rooms, equipped with modern improvements. A four-story laboratory building is adjacent to the main medical building.

Laboratories.—The major laboratories are for Anatomy, Biochemistry, Histology and Embryology, Physiology and Pharmacology, Bacteriology, Hygiene and Preventive Medicine, Clinical Microscopy, and Pathology.

They are fully equipped to enable students to pursue adequately the laboratory courses and acquire the technical skill necessary in modern clinical and investigative work.

Medical Library.—The Library contains a selected reference collection of more than 3,000 volumes, and provision is made to add to it the important new medical works. The principal medical periodicals are received regularly.

For purposes of advanced study and research the Library of the Surgeon General of the Army is available to all students and teachers through a service maintained by the Medical School Library.

CLINICAL FACILITIES

The University Hospital and the University Dispensary.—The Hospital and Dispensary are part of the educational equipment of the University. They are adjacent to the School of Medicine and are controlled by the Faculty of Medicine. The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. The Faculty believes that clinical teaching should be thoroughly systematized. To this end, all clinics are under the supervision of the Assistant Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do under authoritative supervision the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinicopathological conferences are held in which the history of cases, the physical findings, laboratory records, and the post-mortem pathology when available, are presented and correlated. The Assistant Dean assigns the students to the different clinics, and supervises the records, the attendance, and the instruction of students. Third-year students are assigned in rotation by sections for clinical instruction in the Dispensary.

Gallinger Municipal Hospital.—Clinical instruction is available in all branches of Medicine. A great wealth of clinical material is afforded in this hospital by ordinance of the municipal authorities of the District of Columbia, whereby one half of the patients are assigned for treatment and clinical teaching to members of the Faculty of this School, nominated by this University.

Children's Hospital.—Clinical instruction in Pediatrics and General and Orthopedic Surgery.

Emergency Hospital and Central Dispensary.—Clinical instruction in Medicine, Surgery—particularly in emergency surgery, fractures, and dislocations—Dermatology, and Orthopedics.

Garfield Memorial Hospital.—Clinical instruction in Medicine, including contagious diseases, Surgery, Gynecology, and Obstetrics.

St. Elizabeth's Hospital.—Clinical instruction in mental and nervous diseases, Medicine, Surgery, post-mortem work, and Gross Pathology. This hospital, with four thousand beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

The Episcopal Eye, Ear, Nose, and Throat Hospital.—Clinical instruction in Ophthalmology, Otolaryngology, and Rhinology.

ADMISSION

The minimum requirement for admission is two years of college work, totaling at least sixty semester-hours, from an accredited college of arts and sciences.

SPECIFIC EDUCATIONAL REQUIREMENTS

SECONDARY-SCHOOL REQUIREMENTS

Of the fifteen secondary-school units required, three must be in English, two in one foreign language (ancient or modern), one in Algebra, one in Geometry, one in History, and one in Science (Botany, Chemistry, Physics, or Zoology). Eleven of the units offered must be in English, foreign language, Mathematics, Science, and History. No candidate will be accepted with any condition in secondary-school work.

PREMEDICAL-COLLEGE REQUIREMENTS

1. Chemistry, twelve semester-hours as follows: (a) Eight semester-hours of General Inorganic Chemistry, of which at least four semester-hours are laboratory work. Qualitative Analysis may be counted as General Inorganic Chemistry. (b) Four semester-hours of Organic Chemistry, of which two semester-hours are laboratory work. It is strongly recommended, however, that an additional four semester-hours of Organic Chemistry be taken.

2. Physics, eight semester-hours, of which at least two semester-hours are laboratory work. It is recommended that this course be preceded by one in Trigonometry.

3. Biology, eight semester-hours, of which at least four semester-hours are laboratory work. This requirement may be satisfied by a course of eight semester-hours in either General Biology or Zoology, or by a course of four semester-hours each in Zoology and Botany, but not by Botany alone.

4. English composition and literature, six semester-hours. The usual introductory college course, or its equivalent. The student should develop facility in English expression.

5. Modern foreign language. A reading knowledge, preferably of French or German.

6. Electives. It is recommended that the remaining semester-hours required include: (a) Comparative Vertebrate Anatomy; (b) Qualitative and Quantitative Chemistry; (c) Social Science and Psychology.

No student will be accepted with any condition in college work.

APPLICATION FOR ADMISSION

1. Forms upon which to submit records of secondary-school and college work will be furnished on request.

All credentials submitted are to be made out by the proper school and college authorities and mailed by them to the Director of Admissions, The George Washington University, 2031 G Street N.W., Washington, D.C. Photostat copies of credentials without the original signature of the certifying authority will not be accepted.

Each form must cover only work done at the school or college which fills out the form.

2. A recent photograph, with signature, is required of each applicant.

3. As the number of qualified applicants for admission to the School each year far exceeds its capacity, those who wish to insure admission are urged to secure from the schools and colleges attended completely completed premedical credentials and forward them for evaluation as long a time as possible before the opening of the School of Medicine in September.

ADVANCED STANDING

Students who have satisfactorily attended one or more terms at any other class-A medical school and who have the necessary preliminary educational requirements, may be admitted to advanced standing. No student, however, will be admitted to advanced standing in the senior class.

LEGAL STANDARDS

The laws relating to the preliminary educational qualifications required of physicians differ in many of the States, and candidates are advised that if they meet the premedical and other requirements of this School they will be able to comply with the legal demands of all State Examining Boards in the United States.

REGISTRATION AND ADMISSION TO CLASSES

Registration in the School of Medicine is for a period of one year. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever, in the interest of the student or the School, the Faculty deems it advisable to do so.

Students are admitted to classes on presentation of the Controller's ticket which is issued when all required fees have been paid.

FEES AND FINANCIAL REGULATIONS

The following fees are prescribed by statute.

University fee, for each semester or for any part thereof	\$8.00
Tuition fee, per annum	484.00
Fee for special examinations, for each subject	5.00
Graduation fee	20.00

THE UNIVERSITY FEE

Payment of the University fee, charged all students, secures to them the following student-activity privileges: (1) gymnasium privileges, including participation in intra-university athletic sports, and the use of the University tennis courts; (2) the *University Herald*, the official student newspaper, which is issued weekly; (3) admission to home athletic contests, unless otherwise specified; (4) admission to University debates; (5) the services of the Department of Health Administration.

PAYMENT OF FEES

Fees for each semester (including the University fee) are \$250, payable in advance.

All fees are payable at the Office of the Comptroller of the University, 2033 G Street NW. Fees due must be paid at the time of registration; no student is permitted to complete registration or to attend classes until fees are paid.

On account of the many applications for admission, and as the size of the freshman class is limited, places can be reserved only for those qualified applicants who remit a deposit of \$100, which will be credited toward the tuition of the first semester. Should unusual circumstances arise whereby the matriculant is unable to attend, this initial payment, less a charge of \$25 for registration, transfer, etc., will be returned up to one month before the opening of the session, or thereafter provided the place is satisfactorily filled.

Students will be required to pay for injury to apparatus and other college property. All breakage and loss not directly traceable to an individual student is assessed pro rata. Each student is required, at the completion of laboratory courses, to replace or pay for all articles of equipment which he has lost, broken, or destroyed. Credit for work will not be given until this is done.

COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$150; second year, \$87; third year, \$60; fourth year, \$60; total, \$357.

LIVING ACCOMMODATIONS

The George Washington University is an urban institution. It maintains no dormitories. For the benefit of nonresident students registers of rooms which have been inspected and approved are kept in the office of the Director of Women's Personnel Guidance. Where inquiries in respect to housing facilities should be addressed. Satisfactory accommodations can be found near the University.

Single rooms usually range in price from \$12 to \$25 a month; and double rooms, from \$10 to \$22 a month a person. Rooms with board, including breakfast and dinner, cost from \$15 to \$25 a month a person.

It is advisable for students to reach the University two or three days before the opening of the term in order that they may become established in satisfactory living quarters before class work begins. Renting by mail is unsatisfactory. Lists of houses will be mailed on request, but students are advised to make personal inspection before engaging rooms.

WOMEN STUDENTS

All women students under twenty-three years of age must have their residences approved by the Director of Women's Personnel Guidance, unless they are living with family or relatives. Registration is not complete until such approval is given.

SCHOLARSHIPS, PRIZES, LOAN FUNDS

The John Hitz Metzgerott Scholarship is available to students in the School of Medicine.

The Ordronaux Prize of \$100 is awarded to the member of the graduating class of the School of Medicine who has completed the four-year medical course with the highest scholastic standing.

The following loan funds are available to students in the School of Medicine: Daughters of the American Revolution Loan Fund; Harmon Foundation Loan Fund; Henry Strong Educational Foundation Loan Fund; and the University Loan Fund.

For particulars regarding scholarships, prizes, and loan funds, see the University catalogue.

DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Neurology; Obstetrics and Gynecology; Ophthalmology; Oto-rhino-laryngology; Pathology and Experimental Medicine; Pediatrics; Pharmacology and Therapeutics; Physiology; Psychiatry; Surgery; and Urology.

CLINICS

Courses of clinical instruction are included in the announcements of the clinical departments. The Assistant Dean prepares schedules of clinics and of student section assignments to the various hospitals and dispensaries.

GENERAL REGULATIONS

Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University catalogue.

ATTENDANCE

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Absence is not allowed unless an excuse is obtained from the Dean or the instructor.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the office of the Dean.

For every unexcused absence a department will deduct one half of 1 per cent from the student's final grade in the subject involved.

GRADES

Proficiency in all subjects is marked on a basis of *A* (90-100); *B* (80-90); *C* (75-80); *D* (65-74), condition; *E* (below 65), failure; *I*, incomplete. The passing grade in each subject is *C*.

ADVANCEMENT

Any student who has satisfactorily completed the required work of the first, second, or third year of the course and has passed all examinations is eligible for advanced standing, if approved by the Scholarship Committee. No student may be enrolled for the clinical work of the third and fourth years without first having qualified in all the premedical sciences.

FAILURE

A student who has failed in any subject will not be advanced until such failure is removed and then only by authority of the Scholarship Committee. All conditions must be removed at the next make-up examination period provided for this purpose.

EXAMINATIONS

Examinations may be written, oral, or practical, and will be held at the end of the first semester and at the end of the academic year.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Scholarship Committee. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

SPECIAL UNDERGRADUATE AND GRADUATE ADVANTAGES IN THE SCHOOL OF MEDICINE.

HEALTH ADMINISTRATION

The payment of the University fee entitles students to health services hereinafter described. Through reports from the students and University officials, the University attempts to keep informed as to all cases of illness among its students.

Medical privileges include: (1) the physical examination of all students entering from secondary schools; (2) three visits by the University physician or surgeon, office or home, in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school term—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not include treatment for illness or disability incurred previous to the University term or prior to payment of the University registration fee.

Students are allowed, if they so desire, to engage physicians and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) students who have severed their connection with the University are ineligible for medical benefits; (4) students intending to train for athletic teams are required to pass a careful examination at the beginning of each semester; (5) the above regulations apply during the Summer Sessions of the University.

PHYSICAL EXAMINATIONS

All first-year students are given a comprehensive physical examination by the Department of Health Administration upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

HOSPITAL APPOINTMENTS

Interns are appointed annually in the University Hospital. Similar appointments are made to graduates and undergraduates of this School in the following hospitals of the District: Casualty Hospital; Children's Hospital; Columbia Hospital for Women; Emergency Hospital; Episcopal Eye, Ear, Nose, and Throat Hospital; Gallinger Municipal Hospital; Garfield Memorial Hospital; Providence Hospital; St. Elizabeth's Hospital; Sibley Hospital; Tuberculosis Hospital; and Walter Reed United States Army General Hospital.

Students who, after graduation, desire internships in hospitals outside the District of Columbia, should apply directly to the institutions which they wish to enter. A list of hospitals approved for intern training is published annually in the *Journal of the American Medical Association*, and a copy of the list may be consulted in the office of the Dean.

COMMISSION ON LICENSURE, DISTRICT OF COLUMBIA

Graduates who wish to take the examinations of the Commission on Licensure, District of Columbia, or desire to use the District license for reciprocity with the States, should apply to the Secretary, Commission on Licensure, Healing Arts Practice Act, District Building, Washington, D.C.

UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905. All alumni and members of the Faculty are eligible for membership on election. Meetings of the society are held in the School of Medicine on the third Saturday evening of each month from October to May. Senior students may be invited to attend the meetings of this society.

COURSES OF INSTRUCTION

The courses of instruction are listed in alphabetical order beginning on page 35.

THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred. The degree of Doctor of Medicine given by this University is recognized by all State Examining Boards in the United States.

REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four years of

study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations. *Particular attention is called to the statement of requirements in the University catalogue.*

COMBINED ARTS AND MEDICINE CURRICULUM

Candidates register in the Junior College for the freshman and sophomore years of the premedical curriculum and in Columbian College for the junior year. In order to be recommended for the degree of Bachelor of Arts candidates must complete at least ninety-four semester-hours of prescribed college work, including Physical Education (at least thirty semester-hours and one year of residence must be completed in Columbian College), and the first year of the medical curriculum. Upon completion of the fourth year in the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

In certain selected cases where students have completed three years of work in an approved college of arts, other than The George Washington University, with an excellent scholastic record, such students may be recommended to the University by the Faculty of Medicine for the degree of Bachelor of Arts in the University at large upon the completion of the first year in Medicine, provided a high standard of scholarship is maintained in the School of Medicine.

PLAN OF INSTRUCTION

Each year of the medical curriculum is divided into two semesters of sixteen weeks each. The curriculum for the degree of Doctor of Medicine must begin with the fall semester.

Under the order of the work there is a coordination in the offerings of the several departments which enables the student to concentrate his attention upon the subject materials in such a way that they can be readily understood and recognized as integrated parts of a unified training. The salient features in the method of instruction are thorough laboratory training, demonstrations, and clinical teaching, with recitations and lectures to clarify the many problems presented. The clinical material in the various hospitals and out-patient departments is utilized to the fullest extent for both clinical instruction and laboratory work.

HONORS

Candidates who have completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction".

For catalogues, application blanks, and further information, address the Director of Admissions, The George Washington University, 2031 G Street NW., Washington, D.C.

COURSES OF INSTRUCTION

On the following pages of this bulletin, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the School of Medicine in the academic year 1935-36. The courses here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

EXPLANATION OF COURSE NUMBERS

The number which precedes the name of a course indicates the semester in which that course is offered. An odd number indicates that the course is offered in the first semester; an even number, that it is offered in the second semester; and a double number (e.g., 343-44), that it begins in the first semester and continues in the second.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

ANATOMY

George Bain Jenkins, M.D., *Professor of Anatomy, Executive Officer.*
 Othmar Charles Solnitzky, Ph.D., M.D., *Assistant Professor of Anatomy.*
 William Henry Waller, Ph.D., *Instructor in Anatomy.*
 John R. Ston Pate, A.B., B.S., M.D., *Teaching Fellow in Anatomy.*

- | | | |
|-------|---|---------------------|
| 101 | <i>Gross Anatomy</i>
This course consists of instruction in osteology, followed by the careful dissection and study of the entire body. Sixteen hours a week. | Jenkins and Staff |
| 103 | <i>Histology and Embryology</i>
This course includes the histogenesis and microscopic structure of the tissues and organs of the human body. Fifteen hours a week. | Solnitzky and Staff |
| 104 | <i>Regional Anatomy</i>
A correlation course in which cross sections, prepared specimens, and models are employed to study the developmental, gross, and microscopic details of body structure. Six hours a week. | Jenkins and Staff |
| 105 | <i>Microscopic-Anatomy Seminar (elective)</i>
Hours and credits to be arranged. | Solnitzky |
| 107 | <i>Comparative Anatomy (elective)</i>
Hours and credits to be arranged. | The Staff |
| 201 | <i>Functional and Surgical Anatomy</i>
A course in applied Anatomy taught in conjunction with the clinical staff. Two hours a week. | The Staff |
| 203-4 | <i>Research</i>
Hours and credits to be arranged. | Jenkins and Staff |
| 205 | <i>Microtechnic</i>
Hours and credits to be arranged. | The Staff |
| 306 | <i>Surgical Anatomy (elective)*</i>
Two hours a week. | Jenkins |

*This course is given in collaboration with the Department of Surgery.

BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Earl Baldwin McKinley, A.B., M.D., *Professor of Bacteriology, Executive Officer.*

Roscoe Roy Spencer, A.B., M.D., *Associate Professor of Hygiene and Preventive Medicine.*

Leland Wilbur Parr, Ph.D., *Associate Professor of Bacteriology.*

John Harold Hanks, Ph.D., *Assistant Professor of Bacteriology.*

Alden Franklin Roe, Sc.D., *Instructor in Bacteriology.*

Randall Leslie Thompson, Sc.D., *Research Associate in Bacteriology.*

111 *General Bacteriology (3)*

Hanks

A study of the fundamental facts of Bacteriology, including discussions of the industrial and hygienic applications of the science. Several groups of bacteria, yeasts, and molds are studied in the laboratory. Mon., Wed., and Fri., 9 to 11 a.m.

112 *Bacteriology and Immunology*

McKinley, Parr, Hanks, Roe

This course consists of both lectures and laboratory work and is designed to give the student a thorough grounding in bacteriological technique, upon the basis of which a comprehensive study is made of all the important pathogenic micro-organisms. The course stresses those phases of Bacteriology and Immunology directly related to medical problems concerning infectious diseases and their pathology, diagnosis, and treatment. Practical immunological and serological technique is also dealt with. Attention is given to certain of the helminths and protozoan parasites. The filterable viruses and rickettsiae are also considered. Eleven hours a week.

211 *Immunology and Serology (elective)*

Hanks

Hours and credits to be arranged.

212 *Hygiene*

Spencer

A course of lectures and field demonstrations dealing with problems of personal and community hygiene such as water supply, sewage disposal, food supply, infant welfare, essentials of personal health maintenance, tuberculosis, insect-borne infections, vital statistics, and medical economics. Three hours a week.

213 *Filterable Viruses*

McKinley, Thompson

A survey of methods for the study of filterable viruses and of

the principal virus diseases. Prerequisite: Bacteriology 112.
Hours and credits to be arranged.

- 301 *Preventive Medicine and Public Health** McKinley, Spencer
A lecture course devoted to a historical survey of the development of the modern public-health movement, the physician's relation to public-health problems, prevention and control of communicable diseases, mortality and morbidity statistics, and modern public-health practices by Federal, State, municipal, and county health units. Two hours a week.

- 302 *Infectious Diseases (elective)* The Staff
Clinical aspects of Bacteriology and prevention of the common infectious diseases. One hour a week.

- 303-4 *Research in Bacteriology* The Staff
Hours and credits to be arranged.

- 305-6 *Research in Hygiene and Preventive Medicine* The Staff
Hours and credits to be arranged.

- 309-10 *Staff Seminar* The Staff
Biweekly.

*The Department arranges to conduct the principal course of public health or preventive medicine in the School of Medicine in order to provide the student with a comprehensive knowledge of the subject.

BIOCHEMISTRY

Vincent du Vigneaud, Ph.D., *Professor of Biochemistry, Executive Officer.*

Joseph Hyman Roe, Ph.D., *Professor of Biochemistry.*

Oliver John Lush, A.M., *Instructor in Biochemistry.*

Hubert Scott Lotting, Ph.D., *Instructor in Biochemistry.*

William Irwin Patterson, Ph.D., *Instructor in Biochemistry.*

Helen Marie Dyer, A.M., *Associate in Biochemistry.*

- 54 *Biochemistry of Food and Nutrition* (4) Dyer
Lecture and laboratory course designed particularly for students of the Department of Home Economics. Tues. and Thurs., 2 to 5 p.m.

- †141 42 *Biochemistry* (4-4) Roe, Dyer
Lecture and laboratory course for nonmedical students, similar in general content to Biochemistry 144 and 251. Mon. and Wed., 9 a.m. to 12.

- 144 *Biochemistry* du Vigneaud, Roe, and Staff
Lecture course dealing with the biochemistry of proteins, fats, and carbohydrates; digestion, tissues, intestinal putrefaction, and feces; blood, milk, and urine. Physical-chemical topics such as osmosis, colloids, and enzyme kinetics are brought out in their relationship to the above subjects. Attention is also given to various phases of intermediary metabolism, to the endocrines, and to the so-called deficiency diseases. Two hours a week.

- 145 *Biochemistry Seminar (Lecture)* du Vigneaud, Roe, and Staff
Seminar course for freshmen amplifying the lectures in Biochemistry 144 and taking up in greater detail certain aspects of the field. One hour a week.

- 251 *Advanced Biochemistry* du Vigneaud, Roe, and Staff
Lecture and laboratory course continuing the work of Biochemistry 144. The chemistry of proteins, fats, and carbohydrates, and digestion, tissue chemistry, hydrogen-ion concentration, and methods of quantitative analysis are studied in the laboratory. Methods of analysis of urine, blood, gastric contents, and feces which are aids in the diagnosis of diseases and metabolic disturbances are particularly stressed in the labora-

ring, and the interpretation of the findings by these methods is thoroughly dealt with in the lecture work. The lectures are also designed to correlate the laboratory work with the previous semester's lecture work and to present advanced biochemical material. Two hours of lectures and nine hours of laboratory work a week.

- 252 *Chemistry of the Internal Secretions (elective)* du Vigneaud
One hour a week.
- 253-54 *Biochemical Preparations* The Staff
Hours and credits to be arranged.
- 255-56 *Biochemical Literature (1-2)* du Vigneaud
Seminar course on the current literature in Biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged.
- 257-58 *Staff Seminar* The Staff
Biweekly.
- 259-60 *Research in Biochemistry* du Vigneaud and Staff
Hours and credits to be arranged.

DERMATOLOGY AND SYPHILOLOGY

Charles Augustus Simpson, M.D., *Professor of Dermatology and Syphilology, Executive Officer.*

Harry Ford Anderson, M.D., *Associate Professor of Dermatology and Syphilology.*

Herman Eugene Kittredge, M.D., *Clinical Instructor in Dermatology and Syphilology.*

George William Creswell, A.B., M.D., *Clinical Instructor in Dermatology and Syphilology.*

Theodore Claremont Chen Fong, M.D., *Clinical Instructor in Dermatology and Syphilology.*

Russell Joseph Fields, B.S., M.D., *Clinical Instructor in Dermatology and Syphilology.*

386 Clinic

The Staff

Children's Hospital, one section, one hour a week for five weeks;
Emergency Hospital, one section, one and one-half hours twice
a week; University Hospital, one section, one hour a week.

387 Dermatology and Syphilology

Simpson

Didactic lectures and demonstration of the most common skin
diseases in all their manifestations, and general and cutaneous
syphilis, with special emphasis on its treatment. Two hours a
week.

388 Congenital Syphilis

Simpson

Lectures and demonstration of eye, bone, teeth, and skin changes
caused by congenital syphilis, with its treatment. One hour a
week for eight weeks.

389-90 Neurosyphilis

Fong

Didactic lectures on the subject of syphilis of the brain and spinal
cord, with special emphasis on paresis and tabes, and including
treatment. Venereal therapy is also thoroughly discussed. One
hour a week for eight weeks.

477-78 Neurosyphilis

Fong

The clinical application of Dermatology and Syphilology 389-
90. St. Elizabeth's Hospital, one hour a week for six weeks.

479-80 Syphilis, Including Congenital Syphilis

Fields

Gallinger Hospital, two hours a week.

MEDICINE

- Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine, Executive Officer.*
- William Johnston Mallory, A.M., M.D., *Professor of Medicine.*
- Coursen Baxter Conklin, A.M., M.D., *Clinical Professor of Medicine.*
- Frank Adelbert Hornaday, M.S., M.D., *Assistant Professor of Medicine.*
- Charles Robert Lee Halley, A.B., M.D., *Associate in Medicine.*
- John Alton Reed, A.B., M.D., *Associate in Medicine.*
- Watson William Eldridge, M.D., *Associate in Medicine.*
- Stuart Oliver Foster, A.B., M.D., *Associate in Medicine.*
- Herman Solomon Hoffman, A.B., M.D., *Associate in Medicine.*
- John Minor, A.B., M.D., *Associate in Medicine.*
- Maurice Protas, A.B., M.D., *Associate in Medicine.*
- Paul Frederick Dickens, B.S., M.D., *Clinical Instructor in Medicine.*
- William LeRoy Dunn, A.M., M.D., *Clinical Instructor in Medicine.*
- Harry Friedenber, A.B., M.D., *Clinical Instructor in Medicine.*
- Bernard Lauriston Hardin, Jr., A.B., M.D., *Clinical Instructor in Medicine.*
- Robert Howe Harmon, A.B., M.D., *Clinical Instructor in Medicine.*
- Marvin McDugald McLean, M.D., *Clinical Instructor in Medicine.*
- Nicholas Athanasios Mandelos, M.D., *Clinical Instructor in Medicine.*
- George Arnold Holm, B.S., M.D., *Clinical Instructor in Medicine.*
- Raymond Wilkins Murray, A.B., M.D., *Clinical Instructor in Medicine.*
- Leo T. Brown, M.D., *Clinical Instructor in Medicine.*
- Alma Fife Heath, M.D., *Clinical Instructor in Medicine.*
- Harry Filmore Dowling, A.B., M.D., *Clinical Instructor in Medicine.*
- George Louis Weller, A.B., M.D., *Clinical Instructor in Medicine.*

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| <p>122 <i>Introductory Medical Clinics (elective)</i></p> <p>This course is given as part of a course on introductory medical and surgical clinics. Two hours a week.</p> <p>123 <i>History of Medicine (elective)</i></p> <p>One hour a week.</p> <p>262 <i>Introduction to Physical Diagnosis</i></p> <p>Two hours a week.</p> <p>315-16 <i>Dispensary Clinics</i></p> <p>Well-organized group clinical instruction is given in the dis-</p> | <p>Bloedorn and Staff</p> <p>Halley</p> <p>Conklin</p> <p>The Staff</p> |
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pensaries of the University and Emergency Hospitals. The student is assigned cases to be thoroughly studied; and at the conclusion of this study each case is reviewed in its entirety for him. Daily.

- 317-18 *General Medicine* Bloedorn, Mallory, Halley
A systematic course of lectures designed to cover general aspects of medical disease in all its phases, including therapeutics. Four hours a week.

- 319 *Medical Jurisprudence* Eldridge
Lectures on the rights and obligations of physicians, both legal and ethical, and on the legal problems with which the physician is brought into contact. One hour a week for eleven weeks.

- 321 *Physiotherapy (elective)* Hoffman
This course is a series of lectures and demonstrations of the fundamentals of physical treatment and their application to general medical diseases. One hour a week for five weeks.

- 322 *Radiology and Radiotherapy (elective)* The Staff
One hour a week.

- 325-26 *Physical Diagnosis* Conklin and Staff
This course, which is designed to cover the entire subject of physical diagnosis, consists of section demonstrations and practice on the normal and abnormal subject. Four hours a week.

- 407-8 *Ward Walks* The Staff
Sections assigned to the University and Emergency Hospitals are taken for ward walks by the visiting physicians and their respective staffs in the course of their usual rounds. The student has an excellent opportunity to observe the actual management of patients. Two section, one hour three times a week.

- 409-10 *Clinics* Bloedorn and Staff
In these clinics the usual as well as the more rare diseases are taken up and discussed from the point of view of etiology, diagnosis, and treatment, with special emphasis upon differential diagnosis and the demonstration of clinical abnormalities as found in the various morbid processes. Gallinger Hospital, four sections, one and one-half hours three times a week.

- 411-12 *Clinical Clerkship* Halley, Murray, Heath
The student is assigned a case which he is required to work up thoroughly, and inasmuch as the student's histories are generally accepted for hospital records, he is under strict supervision. Gallinger Hospital, four sections, two and one-half

hours three times a week; Emergency Hospital, two sections, two hours three times a week; University Hospital, two sections, two hours three times a week; St. Elizabeth's Hospital, one fourth of the class, two hours a week.

- 413-14 (*Clinical Pathological Conference Lecture*) — Blodorn, Chesser
This course is designed to acquaint the students with the proper correlation of the clinical and post-mortem findings. Cases are described in detail from a clinical point of view, and the post-mortem findings are then thoroughly demonstrated, both grossly and with lantern slides. One hour a week.

NEUROLOGY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer.*
 Herbert Hermann Schoenfeld, M.D., *Associate in Neurosurgery.*
 Hyman David Shapiro, M.D., *Associate in Neurology.*
 Alexander Simon, A.B., M.D., *Clinical Instructor in Neurology.*

356 *Neurology* Shapiro
 Systematic lectures with moving pictures and lantern slides illustrating the chief neurologic syndromes and their anatomic bases. One hour a week for sixteen weeks.

445 *Neurosurgery (elective)* Schoenfeld
 Lectures and clinical demonstrations in surgery of the brain, spinal cord, and peripheral nerves. Emphasis is laid upon fundamentals and upon the possibilities of surgery in the relief of symptoms. One hour a week.

447-48 *Clinical Neurology* Freeman and Staff
 Lectures and demonstrations of patients illustrating the diagnosis and treatment of nervous disorders. The vast material of St. Elizabeth's Hospital is drawn upon not only for the commoner disorders, but also for some of the unusual syndromes. One hour a week.

449-50 *Neurologic Examinations* Freeman and Staff
 Practical instruction in the examination of patients presenting nervous diseases. Each student is required to perform a detailed examination of six patients. St. Elizabeth's Hospital, one fourth of the class, two hours a week.

OBSTETRICS AND GYNECOLOGY

- Howard Francis Kane, A.B., M.D., *Professor of Obstetrics and Gynecology, Executive Officer.*
- Radford Brown, M.D., *Professor of Obstetrics and Gynecology.*
- Elijah White Titus, Phar D., M.D., *Clinical Professor of Obstetrics and Gynecology.*
- Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology.*
- Herbert Percy Ramsey, A.B., M.D., *Assistant Professor of Obstetrics and Gynecology.*
- Richard Lee Silvester, M.S., M.D., *Associate in Obstetrics and Gynecology.*
- Henry Lauran Darner, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- William Preston Haynes, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- George Nordlinger, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- William Raymond Thomas, M.D., *Associate in Obstetrics and Gynecology.*
- Joseph Harris, A.B., M.D., *Associate in Obstetrics and Gynecology.*
- Laurence Lee Cockerille, M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Clayton Howard Hixson, M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Henry John Russell McNitt, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Bernard Notes, M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Helen Gladys Kain, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Esther Alsylvia Nathanson, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology.*
- Samuel Mayer Dodek, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology.*

- 161 *Pregnancy, Normal and Abnormal* Kane, Silvester, Dodek
Lectures and recitations on the physiology and management of pregnancy and its complications. Two hours a week.
- 162 *Labor, Normal and Abnormal* Kane
Lectures, recitations, and demonstrations on the mechanism and course of labor and its complications. One hour a week.
- 163 *Principles and Practice of Gynecology* Brown
Lectures and recitations on Gynecology, medical and surgical. One hour a week.

- 364 *Gynecological Pathology (elective)* Brown
Lectures on the essentials of gynecological pathology, and demonstrations and study of gross and microscopic material discussed in the lectures. One hour a week for ten weeks.
- 366 *Female Endocrinology* Kotz
Lectures on the physiology and pathology of the endocrine system in women. One hour a week for six weeks.
- 455 56 *Mechanics Demonstrations* Harris
The mechanism of labor and of various types of operative delivery demonstrated to sections of the class throughout the year.
- 457 58 *Clinical Obstetrics* The Staff
Observation of, and participation in, the work of the pre- and post-natal clinics, on the wards, and in the delivery rooms of the University, Gallinger, Columbia, and Garfield Hospitals.
- 459 60 *Clinical Gynecology* The Staff
Observation of, and participation in, the work at the out-patient clinics, on the wards, and in the operating rooms of the University, Gallinger, Columbia, and Garfield Hospitals.

OPHTHALMOLOGY

William Thornwall Davis, M.D., *Professor of Ophthalmology, Executive Officer.*

George Victor Simpson, M.D., *Assistant Professor of Ophthalmology.*

Ernest Alfred Watson Sheppard, M.D.C.M., *Assistant Professor of Ophthalmology.*

Frederick Leslie Benton, M.D., Sc.D., *Clinical Instructor in Ophthalmology.*

Edgar Leonard Goodman, M.D., M.M.S., *Clinical Instructor in Ophthalmology.*

- 371-72 *Dispensary Clinic* The Staff
 Clinical demonstration in prevalent diseases usually met in the dispensary cases. Emergency Hospital, one section daily.
- 461 *Ophthalmology* Davis
 A lecture course presenting the principles of Ophthalmology, with special reference to topics of importance to the general practitioner. Two hours a week for ten weeks.
- 463-64 *Clinic* Davis and Staff
 Intensive training in diseases of the eye, including etiology, and diagnosis and treatment in their application to clinical cases. Episcopal Hospital, three hours twice a week.

OTO-RHINO-LARYNGOLOGY

- William Beverley Mason, M.D., *Professor of Oto-rhino-laryngology, Executive Officer.*
- Daniel Bruce Moffett, A.B., M.D., *Associate Professor of Oto-rhino-laryngology.*
- William Hernden Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology.*
- Boyce Richardson Bolton, M.D., *Assistant Professor of Oto-rhino-laryngology.*
- David Davis, A.B., M.D., *Associate in Oto-rhino-laryngology.*
- Don R. Johnson, LL.B., M.D., *Associate in Oto-rhino-laryngology.*
- LeRoy Lee Sawyer, Jr., A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology.*
- Aubrey David Fischer, M.D., *Clinical Instructor in Oto-rhino-laryngology.*
- Jeter Carroll Bradley, M.D., *Clinical Instructor in Oto-rhino-laryngology.*
- Lyman Brooke Tibbets, Phar.D., M.D., *Clinical Instructor in Oto-rhino-laryngology.*

377-78 *Dispensary Clinic* Mason and Staff
 Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Emergency Hospital, one section daily; Children's Hospital, one-half section, one hour twice a week.

466 *Oto-rhino-laryngology* Jenkins
 Clinical lectures and demonstration of diseases of the ear, nose, and throat, including bronchoscopy and esophagoscopy. One hour a week.

467 *Oto-rhino-laryngology* Moffett
 Lectures on the anatomy, physiology, and diseases of the ear, nose, and throat. One hour a week.

469-70 *Clinic* Mason and Staff
 Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Episcopal Hospital, one section, one and one-half hours a week; Gallinger Hospital, one section, one and one-half hours a week; University Hospital, one section, one and one-half hours a week.

PATHOLOGY AND EXPERIMENTAL MEDICINE

Edward Bright Vedder, A.M., M.D., Sc.D., *Professor of Experimental Medicine, University of Chicago.*

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology.*

Charles Rosenberg, A.M., *Instructor in Pathology.*

Duane Case Rabinowitch, M.D., *Instructor in Pathology.*

Elizabeth Mapelson Ramsey, A.B., M.D., *Instructor in Pathology.*

216 *Clinical Microscopy*

Vedder

Lectures and laboratory work covering aspects of diagnosis including the study of urinalysis, blood-counting, blood smears, feces, spinal fluids, Wassermann, and other serology. Laboratory three hours a week for sixteen weeks; lectures one hour a week for sixteen weeks.

217-18 *Pathology*

Choisser, Snyder

A course covering inflammation, repair, degenerations, the effects of plant (including bacterial) and animal parasites on the body, the effects of chemical and physical agents, the formation of new growths, etc., followed by special pathology of the organs and of the specific diseases. The laboratory work consists primarily of the histologic study of diseased tissues and neoplasms. Three hours a week in the first semester and twelve hours a week in the second.

307-8 *Autopsies*

The Staff

Groups of students are called from time to time for autopsies performed by members of the staff. Amphitheater necropsies are held regularly at the University and Gallinger Hospitals; the clinicians and pathologists participate in the discussions and elucidation of the findings.

309 *Oncology (elective)*

Choisser

A systematic course in neoplastic diseases, consisting of lectures and laboratory demonstrations, with particular reference to cancer research and diagnostic methods as applied to clinical medicine. Two hours a week.

320 *Tropical Medicine (elective)*

Vedder

This course consists of didactic lectures and demonstrations of the more common tropical diseases, with emphasis on their practical application to general medical practice. One hour a week.

- 401-2 *Problems and Methods in Experimental Pathology and Medicine*
Hours and credits to be arranged. Vedder
- 403-4 *Clinical Pathological Conferences (Lectures)* Choisser
Clinical records are presented by the student assigned to the case in the wards. Autopsy and clinical findings are compared, and the specimens are demonstrated and examined by all present. One hour a week.
- 405 *Research* Vedder, Choisser
Hours and credits to be arranged

PEDIATRICS

Harry Hampton Donnally, A.M., M.D., *Professor of Pediatrics, Executive Officer.*

Henry Cook Macatee, M.D., *Clinical Professor of Pediatrics.*

Preston Alexander McLendon, B.S., M.D., *Assistant Professor of Pediatrics.*

Charles Aurelius Schutz, A.B., M.D., *Assistant Professor of Pediatrics.*

Loren Bascom Taber Johnson, A.B., M.D., *Associate in Pediatrics.*

Margaret Mary Nicholson, A.B., M.D., *Clinical Instructor in Pediatrics.*

Elizabeth Emery Chickering, A.B., M.D., *Clinical Instructor in Pediatrics.*

Aaron Nimetz, A.B., M.D., *Clinical Instructor in Pediatrics.*

James Alfred Rolls, A.B., M.D., *Clinical Instructor in Pediatrics.*

- 337-38 *Pediatrics* Schutz
A course of lectures on diseases and malformations of the newly born. Growth (mental and physical), metabolism, nutrition, nutritional diseases, therapeutics, habits, preventive pediatrics, and social aspects are considered. One hour a week in the first semester and for eight weeks in the second.
- 339-40 *Dispensary Clinic* The Staff
Clinical course in infant feeding. Children's Hospital, Infant Welfare Center, one section, one hour a week.
- 341-42 *Dispensary Clinic* Schutz
Clinical course in the infant and the preschool child. Children's Hospital, Child Welfare Center, one section, one hour a week.
- 343-44 *Dispensary Clinic* The Staff
Clinical course in the out-patient department, including minor to serious disorders of children. Children's Hospital, one section, one and one-half hours four times a week.
- 427-43 *Special Clinic (selective)* Johnson
The emotional life of the child, his habit formations, and his behavior problems. Children's Hospital, sections, three hours twice a week.
- 427-28 *Clinic* Donnally
Teaching clinic. Children's Hospital, entire class, one and one-fourth hours a week.
- 427-28 *Clinical Clerkship* Donnally, McLendon, Nicholson, Nimetz
Ward walks, physical diagnosis in children, special pediatric

procedures, bedside instruction in contagious diseases, clinical laboratory and necropsy instruction, diagnosis and treatment of urgent cases. Children's Hospital, one fourth of the class, three hours three times a week.

- 431-32 *Contagious-Disease Clinic* Macatee
Bedside instruction in scarlet fever. Garfield Hospital, one fourth of the class, one hour a week.

- 433-34 *Contagious-Disease Clinic* Rolls
Bedside instruction in diphtheria. Gallinger Hospital, one fourth of the class, one hour a week.

- 435 *Clinic* Chickering
Clinical instruction in the care of the newly born, congenital malformations, birth injuries, and prematurity. Gallinger Hospital, one fourth of the class, one hour a week.

- 436-37 *Allergy Clinic (elective)* Donnelly
Practical work in the Allergy Clinic of Children's Hospital may be obtained by a small group of students, selected from among seniors who apply, on the basis of scholarship and special fitness. Three afternoons a week.

PHARMACOLOGY AND THERAPEUTICS

George Byron Roth, A.B., M.D., *Professor of Pharmacology, Executive Officer.*

James Holmes Defendorf, Ph.D., *Instructor in Pharmacology.*

Phoebe Jeannette Crittenden, Ph.D., *Instructor in Pharmacology.*

- 228 *Pharmacology* Roth and Staff
This course consists of laboratory instruction covering both the chemical nature and the biological effects of drugs. Five hours a week.
- 230 *Pharmacology* Roth
A didactic course, supplemented by demonstration, which correlates the most prominent facts relating to the more important therapeutic agents, special consideration being given to the drugs found in the United States Pharmacopoeia and New and Nonofficial Remedies. Three hours a week.
- 232 *Pharmacology Conference (Optional)* Roth and Staff
One hour a week.
- 234 *Prescription Writing* Roth
Sixteen one-hour conferences on the form of the prescription, with practical exercises.
- 311-12 *Therapeutics* The Staff
Lectures, conferences, and demonstrations on the clinical uses of drugs. One hour a week in the first semester and for twelve weeks in the second.
- 313 *Therapeutics Seminar (Optional)* Roth
One hour a week.
- 314 *Research* Roth and Staff
Hours and credits to be arranged.

PHYSIOLOGY

Ernest Cyril Albritton, A.B., M.D., *Professor of Physiology, Executive Officer.*

Cluster Elwood Leese, Ph.D., *Assistant Professor of Physiology.*

Walter Hamilton Marshall, Ph.D., *Lecturer in Physiology.*

Miss Fogellarp, M.S., *Assistant in Physiology.*

116 *General Physiology (1)* Leese, Roberts

A study of the fundamentals of Physiology. Lectures and laboratory Mon., Wed., and Fri., 9 to 11 a.m.

118 *Fundamentals of Physiology* Albritton and Staff

Lectures, demonstrations, and conferences on fundamental principles dealing with General Physiology, including a consideration of biophysics, the application of the physical and mathematical sciences to the study of life phenomena, and their relation to medical science. Two hours a week.

219 *Mammalian and Human Physiology* Albritton and Staff

Lectures, demonstrations, and laboratory exercises dealing with the physiology of muscle, nerve, reflexes, blood, circulation, respiration, digestion, secretion, absorption, metabolism, the central nervous system, special senses, internal secretion, and reproduction. In the laboratory special consideration is given to dissection work. Emphasis is placed on a review of the new literature, and training is given in methods of quantitative physiological observations. Two hours of lectures and ten hours of laboratory work a week.

221-22 *Introduction to Research* The Staff

Three hours a week.

223-24 *Seminar: Advanced Physiology (Laboratory)* Albritton and Staff

A series of lectures upon the judgment of evidence in medical investigations, followed by detailed study of elective subjects, with special emphasis upon recent literature. Hours to be arranged.

225-26 *Research* Albritton and Staff

Hours and credits to be arranged.

PSYCHIATRY

William Alanson White, A.M., M.D., *Professor of Psychiatry, Executive Officer.*

Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry.*

Nolan Don Charpentier Lewis, M.D., *Clinical Professor of Psychiatry.*

Paul Jacob Ewerhardt, M.D., *Clinical Instructor in Psychiatry.*

John Edward Lind, M.D., *Clinical Instructor in Psychiatry.*

Harriet Elizabeth Twombly, A.B., M.D., *Clinical Instructor in Psychiatry.*

Addison McGuire Duvall, M.D., *Clinical Instructor in Psychiatry.*

Winifred Richmond, Ph.D., *Clinical Instructor in Psychiatry.*

Samuel Alexander Silk, M.D., *Clinical Instructor in Psychiatry.*

Alice Heyl Kiessling, A.B., M.D., *Clinical Instructor in Psychiatry.*

126 *Introductory Medical Psychology (elective)*

Lewis

The theoretical and practical aspects of the constitution, character, and personality as related to Medicine; the psychological features in various diseases, with special attention to the patient's personality; and the different types of character development and their special ways of adaptation. One hour a week.

246 *Organic Psychopathology (elective)*

Hall

The common organic reaction types, illustrated with suitable case presentations. One hour a week.

352 *Psychiatry*

White

A course on the major psychoses, illustrated by the presentation of clinical material and utilized for the purpose of explaining the fundamental psychological mechanisms involved. St. Elizabeth's Hospital, one hour a week.

354 *Personality Adjustments*

Everhardt

Maladaptations occurring in childhood and youth. One hour a week for eight weeks.

441-42 *Ward Walks*

The Staff

The personal examination of the various types of psychosis, and the writing by the student of a formal report of the mental examination, followed by a review of the cases with an instructor. St. Elizabeth's Hospital, two hours a week.

443-44 *Psychoneurosis*

Lewis

A course on the descriptive aspects, the etiology, the psychopathology, and the treatment of the various psychoneuroses.

such as hypochondria, neurasthenia, organ neuroses, compulsions, obsessions, phobias. St. Elizabeth's Hospital, one hour a week for twelve weeks.

445 *Personality Profiles*

Richmond

Utilization of psychological testing methods for the purpose of determining individuals' limitations and special capacities. St. Elizabeth's Hospital, one hour a week for four weeks.

SURGERY

Charles Stanley White, M.D., *Professor of Surgery, Executive Officer.*
 Daniel LeRay Borden, A.M., M.D., *Associate Professor of Surgery.*
 James Farnandis Mitchell, A.B., M.D., *Clinical Professor of Surgery.*
 Harry Hyland Kerr, M.D.C.M., *Clinical Professor of Surgery.*
 Paul Stirling Putzki, M.D., *Assistant Professor of Surgery.*
 Arch Lockhart Riddick, A.B., M.D., *Assistant Professor of Surgery.*
 William Berry Marbury, M.D., *Assistant Professor of Surgery.*
 Custis Lee Hall, M.D., *Assistant Professor of Surgery.*
 John Hugh Lyons, M.S., M.D., *Associate in Surgery.*
 Cline N. Chipman, M.D., *Associate in Anesthesia.*
 Guy Whitman Leadbetter, B.S., M.D., *Associate in Surgery.*
 William Warren Sager, M.S., M.D., *Associate in Surgery.*
 Benjamin Franklin Dean, Jr., A.B., M.D., *Associate in Surgery.*
 Alec Horwitz, M.S., M.D., *Associate in Surgery.*
 Harold Walter Krogh, D.D.S., *Associate in Surgery.*
 Charles Wilbur Hyde, M.D., *Clinical Instructor in Anesthesia.*
 Francis George Speidel, M.D., *Clinical Instructor in Anesthesia.*
 Philip Oscar Pelland, M.D., *Clinical Instructor in Surgery.*
 Stewart Maxwell Grayson, M.D., *Clinical Instructor in Surgery.*
 James Houston Hawfield, M.D., *Clinical Instructor in Surgery.*
 Nathan Norman Smiler, M.D., *Clinical Instructor in Surgery.*
 Richard Knight Thompson, D.D.S., *Clinical Instructor in Surgery.*
 Edward Alexander Cafritz, M.D., *Clinical Instructor in Surgery.*
 Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery.*
 Harry Kaplan, D.D.S., *Clinical Instructor in Surgery.*
 William Wiley Chase, A.B., M.D., *Clinical Instructor in Surgery.*
 Julius Salem Neviasser, A.B., M.D., *Clinical Instructor in Surgery.*
 James Lloyd Collins, A.B., M.D., *Clinical Instructor in Surgery.*
 William Ross Morris, M.D., *Clinical Instructor in Surgery.*

126 *Introductory Surgical Clinics*

White and Staff

Obvious and classical cases are presented to the students whose background of the structure of the body serves to give them an understanding of the cases. Two hours a week.

- 325-26 Surgical Technique** Marbury
This course comprises a series of demonstrations of surgical instruments and appliances, with a practical demonstration of their uses. The preparation of the patient, the operating room, the materials commonly used, and the duties of each member of an operating team are carefully presented, with the detailed consideration of minor operations and the post-operative management and complications. As far as possible the lectures will be supplemented by clinical application. One hour a week for twenty weeks.
- 327-28 General Surgery** Borden
Course of lectures and recitations covering surgical diseases of the neck and chest, herniae, amputations, and pre- and post-operative treatment. One hour a week.
- 329 Oral Surgery (elective)** Krogh
This course is designed to acquaint the student with the surgical aspects of the teeth and jaw and their general relationship to the other aspects of Surgery. One hour a week for five weeks.
- 330 Anesthesia (elective)** Chipman
Theoretical and practical instruction is given in the use of general and local anesthetic agents. One hour a week for nine weeks.
- 331-32 Dispensary Clinic** The Staff
Dispensary instruction in the principles and practice of Surgery. Instruction of small groups is given in General Surgery and the specialties, including anesthesia, neurosurgery, orthopedics, proctology, and oral surgery. University Hospital, one section, two and one-half hours daily; Emergency Hospital, one section, one and one-half hours daily; Providence Hospital, one section, two and three-fourths hours three times a week; Children's Hospital, one section, one and three-fourths hours a week.
- 333-34 General Surgery** White, Putzki, Riddick
Course of lectures and recitations covering Surgery as applied to the neck, thorax, gastro-intestinal tract, and the bones and skeletal muscles. Two hours a week.
- 413-14 Special Problems in Surgery (elective)** The Staff
This course is devoted to general surgical diagnosis, with special emphasis on the diagnosis and differential diagnosis of surgical diseases and post-operative complications. One hour a week.
- 416 Orthopedics (elective)** Hall
The course includes the etiology, pathology, symptomatology,

and treatment of congenital and acquired diseases of the bones and joints, and the clinical instruction in treatment and in the use of appliances for the correction of deformities. One hour a week for sixteen weeks.

- 417-18 *Private Practice of Surgery (elective)* White and Staff
Students who elect this course will be given instruction in the private offices of various members of the staff, where they may observe the private practice of surgery.

- 419 *General Surgery* Leadbetter
The course covers fractures, dislocations, and complications. One hour a week for twenty weeks.

- 421-22 *Surgical Clinic* White, Mitchell, and Staff
Demonstration to the entire class of the various surgical diseases, with stress upon the differential diagnosis and pre- and post-operative care. University Hospital, two hours a week for thirty-two weeks; Gallinger Hospital, four sections, one and one-half hours twice a week for sixteen weeks and one hour a week for sixteen weeks; Emergency Hospital, one hour three times a week; University Hospital, one hour three times a week.

- 423-24 *Ward Walks* The Staff
Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Emergency Hospital, one hour three times a week; University Hospital, one hour three times a week.

- 425-26 *Clinical Clerkship* The Staff
The students are assigned and required to thoroughly work up the cases for diagnosis and treatment. Gallinger Hospital, two and one-half hours three times a week; Emergency Hospital, two sections, two hours three times a week; University Hospital, two sections, two hours three times a week; St. Elizabeth's Hospital, one fourth of the class, two hours a week.

UROLOGY

- Francis Randall Hagner, M.D., *Professor of Urology, Executive Officer.*
 Frederick August Reuter, M.D., *Clinical Professor of Urology.*
 Homer Gifford Fuller, Ph.B., M.D., *Clinical Professor of Urology.*
 Thomas Carlton Thompson, B.S., M.D., *Associate Professor of Urology.*
 Alan Jeffries Chenery, M.D., *Associate in Urology.*
 Charles Perry Howze, M.D., *Associate in Urology.*
 Miles Parker Omohundro, M.D., *Associate in Urology.*
 Gilbert Ottenberg, A.M., M.D., *Clinical Instructor in Urology.*
 Norvell Belt, A.B., M.D., *Clinical Instructor in Urology.*
 William Glenn Young, M.D., *Clinical Instructor in Urology.*

381-82 Clinics

Reuter and Staff

Clinical demonstration and teaching in the dispensary, with special attention given to venereal cases. Emergency and University Hospitals, one part of each section daily.

471-72 Urology

Thompson

A systematic course of lectures covering the entire field of Urology, including diagnosis, treatment, and morbid pathology. One hour a week.

473-74 Clinics

Hagner, Fuller, Chenery, Thompson

Clinical teaching and demonstrations on the care of urological cases, with special emphasis on the pre- and post-operative management. Gallinger Hospital, one hour a week for twenty-eight weeks. Operative clinics and clinical teaching, including cystoscopy and the use of instruments. Garfield Hospital, one fourth of the class, one and one-half hours a week.

476 Urology Seminar (elective)

Reuter

Special problems, technique, and instrumentation in genito-urinary diseases. One hour a week.

SCHEDULE OF CLASSES

1935-36

FIRST YEAR

FIRST SEMESTER

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10			History of Medicine (elective)			
10-11	Histology and Embryology	Histology and Embryology	Microscopic Anatomy Seminar (elective)	Histology and Embryology	Histology and Embryology	Histology and Embryology
11-12						
12-1						
1-2						
2-3	Anatomy	Anatomy	Comparative Anatomy (elective)	Anatomy	Anatomy	
3-4						
4-5						

FIRST YEAR
SECOND SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Regional Anatomy	Physiology	Regional Anatomy	Physiology	Regional Anatomy	Biophysics Seminar
10-11		Biochemistry		Biochemistry		
11-12	Bacteriology	Medical Psychology (lectures)	Bacteriology		Bacteriology	Immunology, Microbiology, Sterilization, etc.
1-2						
2-3	Bacteriology Laboratory		Bacteriology Laboratory		Bacteriology Laboratory	
3-4						
4-5						

SECOND YEAR
FIRST SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Biochemistry	Pathology	Biochemistry	Pathology	
10-11	Functional Anatomy		Surgical Anatomy			
11-12	Physiology	Biochemistry Laboratory	Physiology Seminar (elective)	Biochemistry Laboratory	Physiology	Biochemistry Laboratory
12-1						
1-2						
2-3	Physiology Laboratory		Physiology Laboratory	Immunology (elective)	Physiology Laboratory	
3-4		Microscopic Technique (elective)				
4-5						

SECOND YEAR

SECOND SEMESTER

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Pharmacology	Prescription Writing	Pharmacology	Pharmacology Seminar (elective)	Pharmacology	
10-11	Pathology	Physiology Seminar (elective)	Pathology	Physical Diagnosis	Chemistry of Internal Secretions (elective)	Clinical Microscopy Laboratory
11-12	Hygiene	Psychopathology (elective)	Hygiene		Clinical Microscopy	
12-1						Hygiene
1-2						
2-3	Pathology Laboratory	Pharmacology Laboratory	Pathology Laboratory	Pharmacology Laboratory	Pathology Laboratory	
3-4						
4-5						

**THIRD YEAR
FIRST SEMESTER**

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8-9	Medicine	Surgery		Medicine	Therapeutics Seminar (elective)	Neurology
9-10	Obstetrics	Surgical Technique	Gynecology	Pediatrics	Obstetrics	
10-11	Surgery	Medicine	Surgery	Therapeutics	Preventive Medicine	Congenital Syphilis*
11-12	Dispensary†	Dispensary†	Dispensary†	Dispensary†	Dispensary†	Dispensary†
1-2						
2-3	Physical Diagnosis (clinic)	Preventive Medicine	Oncology (elective)	Medical Jurisprudence (11 weeks) Physiotherapy (5 weeks, elective)	Physical Diagnosis (clinic)	
3-4		Dermatology and Syphilology		Dermatology and Syphilology		
4-5						

* See section schedule No. 2.

† For Dispensary schedule, see section schedule No. 1.

THIRD YEAR

SECOND SEMESTER

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-9	Medicine	Surgery (12 weeks)		Medicine		
9-10	Obstetrics	Obstetrics and Gynecology	Surgical Technique (4 weeks) Gynecological Pathology (12 weeks, elective)	Tropical Medicine (elective)	Pediatrics (8 weeks)	Surgical Anatomy (elective)
10-11	Surgery	Medicine	Surgery (7 weeks) Anesthesia (9 weeks, elective)	Therapeutics (12 weeks)	Radiology (elective)	Obstetrics and Gynecology
11-12						
12-1	Dispensary*	Dispensary*	Dispensary*	Dispensary*	Dispensary*	Dispensary*
1-2						
2-3	Physical Diagnosis (clinic)		Infectious Diseases (elective)		Physical Diagnosis (clinic)	
3-4		Neurosyphilis (8 weeks)	Surgical Anatomy (elective)	Personalities: Adjustments		
4-5		Psychiatry				

* For Dispensary schedule, see section schedule No. 1.

**FOURTH YEAR
FIRST SEMESTER**

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8-9		Otolaryngology		Ophthalmology (10 weeks)		Ophthalmology (10 weeks)
9-10	Clinics (to 11:30)		Clinics (to 11:30)	Obstetrical and Gynecological Clinic UNIVERSITY HOSPITAL	Clinics (to 11:30)	Surgery Clinic
10-11		Surgery		Special Problems in Surgery (elective)		
11-12		Clinics		Neurosurgery (elective)		
12-1						Urology
1-2	Clinics	Clinics	Clinics	Clinics	Clinics	Clinico-pathological Conference (elective)
2-3						
3-4						
4-5						

NOTE. For three weeks of each period one section will be excused from all classes and clinics to be assigned to the Department of Obstetrics and Gynecology.

FOURTH YEAR
SECOND SEMESTER

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8-9		Otolaryngology				Surgery Clin.
9-10		Obstetrics and Gynecology		Orthopedic Surgery (elective)		
10-11	Clinics	Surgery	Clinics	Special Problems in Surgery (elective)	Clinics	Obstetrics and Gynecology
11-12		Clinics		Urology (elective)		Urology
12-1						(To be completed in the Department of Obstetrics and Gynecology)
1-2						
2-3	Clinics	Clinics	Clinics	Clinics	Clinics	
3-4						
4-5						

NOTE.—For three weeks of each period one section will be excused from all classes and clinics to be assigned to the Department of Obstetrics and Gynecology.

THIRD-YEAR SECTION SCHEDULES

SECTION SCHEDULE No. 1

SEC.	1st PERIOD	2d PERIOD	3d PERIOD	4th PERIOD	5th PERIOD	6th PERIOD
1	Children's Well-baby Clinic, W, 11-12 30; Th, 1 30-2 10; Orthopedics, F, 11 15-1	University daily, 11 30-2	Emergency daily, 12 30-2	Children's Otolaryngology, Th, 1-2	Children's Pediatrics, M, W, Th, S, 1-2 30	Children's Otolaryngology, F, 1-2 30; University, M, W, Th, F, S, 11 30-2
2	Children's Otolaryngology, F, 1-2 30; University, M, W, Th, F, S, 11 30-2	Children's Well-baby Clinic, W, 11 30-12 30; Th, 1 30-2 10; Orthopedics, F, 11 15-1	University daily, 11 30-2	Emergency daily, 12 30-2	Children's Otolaryngology, Th, 1-2	Children's Pediatrics, M, W, Th, S, 1-2 30
3	Children's Pediatrics, M, W, Th, S, 1-2 30	Children's Otolaryngology, 1 1-2 30; University, M, W, Th, F, S, 11 30-2	Children's Well-baby Clinic, W, 11 30-12 30; Th, 1 30-2 10; Orthopedics, F, 11 15-1	University daily, 11 30-2	Emergency daily, 12 30-2	Children's Otolaryngology, Th, 1-2
4	Children's Otolaryngology, Th, 1-2	Children's Pediatrics, M, W, Th, S, 1-2 30	Children's Otolaryngology, F, 1-2 30; University, M, W, Th, F, S, 11 30-2	Children's Well-baby Clinic, W, 11 30-12 30; Th, 1 30-2 10; Orthopedics, F, 11 15-1	University daily, 11 30-2	Emergency daily, 12 30-2
5	Emergency daily, 12 30-2	Children's Otolaryngology, Th, 1-2	Children's Pediatrics, M, W, Th, S, 1-2 30	Children's Otolaryngology, 1 1-2 30; University, M, W, Th, F, S, 11 30-2	Children's Well-baby Clinic, W, 11 30-12 30; Th, 1 30-2 10; Orthopedics, F, 11 15-1	University daily, 11 30-2
6	University daily, 11 30-2	Emergency daily, 12 30-2	Children's Otolaryngology, Th, 1-2	Children's Pediatrics, M, W, Th, S, 1-2 30	Children's Otolaryngology, T, 1-2 30; University, M, W, Th, F, S, 11 30-2	Children's Well-baby Clinic, W, 11 30-12 30; Th, 1 30-2 10; Orthopedics, F, 11 15-1

SECTION SCHEDULE NO. 2

SATURDAY, 10 A.M.—12

SEC.	SEPT. 28 AND OCT. 1 AND 12	OCT. 17, AND 26	NOV. 3, 9, AND 16	NOV. 24 AND DEC. 7	DEC. 14 AND 21	JAN. 4, 11, AND 18
1	Gallinger, Congenital Syphilis					
2			Gallinger, Congenital Syphilis			
3					Gallinger, Congenital Syphilis	
4		Gallinger, Congenital Syphilis				
5				Gallinger, Congenital Syphilis		
6						Gallinger, Congenital Syphilis

FOURTH-YEAR SECTION SCHEDULES

SECTION SCHEDULE No. 1

MONDAY, WEDNESDAY, AND FRIDAY

SER.	1ST PERIOD	2D PERIOD	3D PERIOD	4TH PERIOD	5TH PERIOD	6TH PERIOD	7TH PERIOD	8TH PERIOD
1	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 University of Ophthalmology, 1:15-4
2	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 University of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4
3	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30
4	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Gallinger * 9-5	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30
5	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Children: 1:15-4:30
6	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Children: 1:15-4:30
7	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30
8	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Department of Ophthalmology, 1:15-4	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30	Emergency * 9-1 Children: 1:15-4:30

* See section schedules Nos. 2, 5, and 6.

† Fridays only.

‡ Friday—Dermatology 1-2:10, Pediatrics 2:30-4:30.

SECTION SCHEDULE No. 2
GALLINGER MUNICIPAL HOSPITAL

Hours	Monday	Wednesday	Friday
9-10 A.	Medical Clinic	Medical Clinic	Medical Clinic
10-11 A.	Obstetrics and Gynecology	Obstetrics and Gynecology Pediatrics (2 sections for 8 weeks)	Surgery
1-2 P.	Surgery	Urology (see section schedule No. 4)	Surgery
2-3-4	Clinical Clerkship	Clinical Clerkship	Clinical Clerkship
4-5	Lectures on Diabetics (6 weeks)		

SECTION SCHEDULE No. 3

TUESDAY

SEC.	1ST PERIOD	2ND PERIOD	3D PERIOD	4TH PERIOD	5TH PERIOD	6TH PERIOD	7TH PERIOD	8TH PERIOD
1-8	Children's, 11.15-12.30	Children's, 11.15-12.30	Children's, 11.15-12.30	Children's, 11.15-12.30	Children's, 11.15-12.30	Children's, 11.15-12.30	Children's, 11.15-12.30	Children's, 11.15-12.30
1	Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30			Garfield: Urology, 11.30-1; Con-tagious Disease, 1.10-2.10	Garfield: Con-tagious Disease, 1.30-2.30	Episcopal Oph-thalmology, 1.15-4	Episcopal Oph-thalmology, 1.30-4
2	Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30			Garfield: Con-tagious Disease, 1.30-2.30	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.10-2.30	Episcopal Oph-thalmology, 1.30-4	Episcopal Oph-thalmology, 1.15-4
3			Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30	Episcopal Oph-thalmology, 1.15-4	Episcopal Oph-thalmology, 1.30-4	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.30-2.30	Garfield: Con-tagious Disease, 1.30-3.30
4			Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30	Episcopal Oph-thalmology, 1.15-4	Episcopal Oph-thalmology, 1.15-4	Garfield: Con-tagious Disease, 1.10-2.30	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.30-3.30
5	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.30-2.30	Garfield: Con-tagious Disease, 1.30-3.30	Episcopal Oph-thalmology, 1.15-4	Episcopal Oph-thalmology, 1.30-4	Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30		
6	Garfield: Con-tagious Disease, 1.30-2.30	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.30-2.30	Episcopal Oph-thalmology, 1.15-4	Episcopal Oph-thalmology, 1.15-4	Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30		
7	Episcopal: Oph-thalmology, 1.15-4	Episcopal Oph-thalmology, 1.30-4	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.30-2.30	Garfield: Con-tagious Disease, 1.30-2.30			Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30
8	Episcopal: Oph-thalmology, 1.30-4	Episcopal Oph-thalmology, 1.15-4	Garfield: Con-tagious Disease, 1.30-2.30	Garfield: Urology, 11.30-1; Con-tagious Disease, 1.30-2.30			Clinical Physiol-ogy, 1.30-3.30	Clinical Physiol-ogy, 1.30-3.30

SECTION SCHEDULE No. 4

GALLINGER HOSPITAL : WEDNESDAY, 1-2.30 P.M.

SNo.	1st PERIOD	2nd PERIOD	3rd PERIOD	4th PERIOD	5th PERIOD	6th PERIOD	7th PERIOD	8th PERIOD
1	Obstetrics	Urology	Urology	Urology				
2	Urology	Obstetrics	Urology	Urology				
3	Urology	Urology	Obstetrics	Urology				
4	Urology	Urology	Urology	Gynaecology				
5					Obstetrics	Urology	Urology	Urology
6					Urology	Obstetrics	Urology	Urology
7					Urology	Urology	Obstetrics	Urology
8					Urology	Urology	Urology	Obstetrics

SECTION SCHEDULE No. 3
EMERGENCY HOSPITAL : MONDAY, WEDNESDAY, AND FRIDAY

SEC.	HOURS	1ST PERIOD	2D PERIOD	3D PERIOD	4TH PERIOD	5TH PERIOD	6TH PERIOD	7TH PERIOD	8TH PERIOD
5	9-12		Medicine Ward Walk		Surgery Ward Walk				
6	9-12		Surgery Ward Walk		Nurse Ward Walk				
7	12-12		Medicine Clinical Clerkship		Surgery Clinical Clerkship				
8	12-12		Surgery Clinical Clerkship		Medicine Clinical Clerkship				
9	12-1		Medical Clinic						
1	1-12								
2	2-12				Medicine Ward Walk			Surgery Ward Walk	
3	3-12				Surgery Ward Walk			Medicine Ward Walk	
4	12-12				Medicine Clinical Clerkship			Surgery Clinical Clerkship	
1-2	12-1				Surgery Clinical Clerkship			Medicine Clinical Clerkship	
Medical Clinic									

Monday and Wednesday only.

SECTION SCHEDULE No. 6
UNIVERSITY HOSPITAL : MONDAY, WEDNESDAY, AND FRIDAY

SER.	HOURS	1ST PERIOD	2D PERIOD	3D PERIOD	4TH PERIOD	5TH PERIOD	6TH PERIOD	7TH PERIOD	8TH PERIOD
7	9-10	Medicine Clinical Clerkship			Surgery Clinical Clerkship				
8	9-10		Surgery Clinical Clerkship		Medicine Clinical Clerkship				
7	10-11		Medicine Ward Walk		Surgery Ward Walk				
8	10-11		Surgery Ward Walk		Medicine Ward Walk				
7-8	11-1	Medical and Surgical Clinics							
3	9-10					Medicine Clinical Clerkship		Surgery Clinical Clerkship	
4	9-10					Surgery Clinical Clerkship		Medicine Clinical Clerkship	
3	10-11					Medicine Ward Walk		Surgery Ward Walk	
4	10-11					Surgery Ward Walk		Medicine Ward Walk	
3-4	11-1					Medical and Surgical Clinics			

SECTION SCHEDULE No. 7

ST. ELIZABETH'S HOSPITAL : THURSDAY, 1-5 P.M.

SEC	HOURS	1ST PERIOD	2D PERIOD	3D PERIOD	4TH PERIOD	5TH PERIOD	6TH PERIOD	7TH PERIOD	8TH PERIOD
1-2	1-3	New class		Medicine	Surgery	Psychiatric Examinations			
3-4	1-3	Psychiatric Examinations				Neurology	Medicine	Surgery	
5-6	1-3	Medicine	Surgery	Neurology	Psychiatric Examinations				
7-8	1-3	Psychiatric Examinations				Medicine	Surgery	Neurology	
Entire class	3-4	Neurosyphilis (60 hours)		Neurology (26 hours)					
Entire class	4-5	Psychoneurosis (12 weeks)							

DEGREES CONFERRED

1934

DOCTOR OF MEDICINE

JUNE 6, 1934

Apfel, Harry A.B. 1931, The George Washington University	Conn.	Gould, George Irwin A.B. 1931, The George Washington University	N.Y.
Andes, Alberto Diaz B.S. 1930, University of Puerto Rico	P.R.	Gromet, Maurice Turk A.B. 1931, The George Washington University	N.Y.
Brannin, William A.B. 1931, The George Washington University	Md	Gruberman, Edward Haines, Hilton Drummond	N.Y. D.C.
Brooklyn, Louis Andrew Brookhart, Florence Hearne A.B. 1931, The George Washington University	N.J. Iowa	Hansen, Howard Harper, Howard Edward A.B. 1929, Occidental College	Utah Calif.
Burley, Henry Lee, Jr. Case, Paul H. Gore, Byron Huntington	Va. Ariz.	Henderson, James Alexander A.B. 1930, Washington and Lee University	N.Y.
Coleman, William Frost, Jr. A.B. 1930, The George Washington University	N.J. Ky	Hudson, George Henry B.S. 1930, St. Vincent College	Pa.
Conway, James Vincent A.B. 1930, Cornell University	N.I.	Kanof, Naomi Marilyn A.B. 1931, The George Washington University	N.Y.
Cores, Mable Irving A.B. 1931, The George Washington University	N.Y.	Kent, Joseph Edgar B.S. 1929, St. Vincent College	Pa.
Collins, Ireland Ketch A.B. 1930, The George Washington University	Utah	Kilstein, Richard Isaac A.B. 1930, The George Washington University	N.Y.
Diamond, David I. A.B. 1930, The George Washington University	N.J.	King, James David A.B. 1931, Miami University	Straits Settlement N.Y.
Doser, Virgil Jackson A.B. 1931, The George Washington University	D.C.	Kleiman, Aaron Harry A.B. 1930, The George Washington University	D.C.
Dashback, James Albert Erlend, Ravimomi Thorwald A.B. 1930, Stanford University	N.Dak. Calif.	Knott, William Luther A.B. 1930, The George Washington University	N.Y.
Eden, Harry M. A.B. 1930, University of Utah	D.C.	Kramer, Milton A.B. 1931, The George Washington University	Pa.
Estren, Richard A.B. 1930, The George Washington University	N.Y.	Kupers, Edward Carlton A.B. 1930, The George Washington University	D.C.
Feier, William B.S. 1929, Rutgers University	N.J.	Lemeshefsky, George Paul A.B. 1931, The George Washington University	N.Y.
Fine, Irvin J. A.B. 1931, The George Washington University	N.J.	Lipschitz, Samuel A.B. 1931, The George Washington University	D.C.
Flood, Clive E. Garber, Aaron Harry A.B. 1930, The George Washington University	Ariz. D.C.	Mandv, Theodore Edward A.B. 1931, The George Washington University	Conn.
		Meo, Richard Carl A.B. 1931, The George Washington University	

Minsky, Arthur	N.Y.	Sheinmel, Arthur	N.Y.
A.B. 1930, The George Washington University		A.B. 1931, The George Washington University	
Noonan, Paul Ecret	Pa.	Shreehan, Hubert Francis	N.J.
B.S. 1931, Allegheny College		Shulman, Israel	D.C.
Ocheret, Irving	N.J.	A.B. 1931, The George Washington University	
A.B. 1931, The George Washington University		Skelly, John Francis	Ct.
Orben, Lloyd Deering	N.Y.	Snyder, Carolyn Hannah	D.C.
Orris, Harold J.	N.J.	A.B. 1931, The George Washington University	N.J.
A.B. 1931, The George Washington University		Spritzer, Theodore David	
Peckham, Henry Lincoln, Jr.	D.C.	B.S. 1929, M.S. 1930, Rutgers University	Utah
(With distinction)		Stevenson, Leland Ernest	Ecuador
A.B. 1931, The George Washington University		Suescum, Timoteo C	
Pincock, Glen	Utah	Ph.B. 1925, Colegio Rocafuerte	
Reeves, George William	D.C.	A.B. 1931, The George Washington University	N.Y.
Richwine, Barton Winters	D.C.	Sullivan, Norbert Paul	
Roache, Fred Brinning	Ky.	B.S. 1911, New York University	D.C.
A.B. 1931, The George Washington University		Suter, James Marion	
Robbins, Irving	N.Y.	A.B. 1930, The George Washington University	Va.
(With distinction)		Terrell, William Dandridge, Jr.	D.C.
B.S. 1920, M.S. 1930, New York University		Weller, Margaret Catherine	
Rover, Clark Williard	Mich.	A.B. 1931, The George Washington University	D.C.
A.B. 1931, Albion College		Young, Grace Victoria	
Rude, Gilbert Britt	D.C.	A.B. 1927, The George Washington University	Ariz.
Sanger, Emerson Joseph	Mich.	Yount, Clarence Edgar, Jr.	
B.S. 1911, Hilldale College		B.S. 1928, University of Arizona	

STUDENTS REGISTERED

1934-35

The names of all students registered in the School of Medicine during the academic year 1934-35 are listed below in alphabetical order. Roman numerals indicate the year of the course in which the student is registered. Students who were registered for the first semester only are indicated by a dagger (†).

Able, Patricia (Med. III)	D.C.	Castell, Richard B. (Med. IV)	D.C.
Adams, Herbert (Med. IV)	D.C.	A.B. 1932, The George Washington University	
A.B. 1934, A.M. 1935, The George Washington University		Cate, L. Huntley (Med. IV)	Vt.
Alder, Arnold (Med. IV)	N.Y.	A.B. 1932, The George Washington University	
Allen, William Henry (Med. IV)	Me	Cannon, Jacob (Med. III)	D.C.
A.B. 1932, The George Washington University		Chapin, Josephine Miriam (Med. III)	Me
Ames, George (Med. IV)	D.C.	A.B. 1927, Bates College	
Anderson, Stephen (Med. III)	III	Chase, William David (Med. III)	D.C.
Anders, Manuel M. (Med. II)	P.R.	A.B. 1925, M.S. 1927, The George Washington University	
A.B. 1932, The George Washington University		Chester, Benjamin Joseph (Med. I)	N.Y.
Armstrong, Glad I. (Med. III)	Conn.	A.B. 1934, New York University	
B.A. 1934, A.M. 1934, The George Washington University		Christensen, Osborne Frederick (Med. IV)	N.J.
A.B. 1932, The George Washington University		Clapp, Snowball (Med. II)	Me
Armstrong, Earl H. (Med. IV)	Me	Clardy, William Duval (Med. I)	D.C.
A.B. 1932, The George Washington University		Clark, John Philip (Med. II)	Me
Arthur, John (Med. III)	N.Y.	A.B. 1933, The George Washington University	
A.B. 1934, A.M. 1934, The George Washington University	N.I.	Coakley, Charles Seymour (Med. II)	D.C.
A.B. 1934, A.M. 1934, The George Washington University		Cohen, Abe M. (Med. IV)	D.C.
Atkins, John (Med. III)	S.Dak.	A.B. 1932, The George Washington University	
A.B. 1934, A.M. 1934, The George Washington University		Cohn, Robert (Med. III)	D.C.
Atkins, John (Med. III)	Fla.	B.S. 1932, The George Washington University	
A.B. 1934, A.M. 1934, The George Washington University	D.C.	Connor, Wesley Olin, Jr. (Med. III)	N.Mex.
A.B. 1934, A.M. 1934, The George Washington University	D.C.	B.S. 1932, University of New Mexico	
A.B. 1934, A.M. 1934, The George Washington University		Contento, Salvatore Joseph (Med. III)	N.Y.
A.B. 1934, A.M. 1934, The George Washington University	Pa.	B.S. 1931, Manhattan College	
A.B. 1934, A.M. 1934, The George Washington University		Conway, William Henry (Med. III)	N.Y.
A.B. 1934, A.M. 1934, The George Washington University	N.Y.	Cook, Helen Marie (Med. IV)	Me
A.B. 1934, A.M. 1934, The George Washington University	D.C.	A.B. 1932, Goucher College	
A.B. 1934, A.M. 1934, The George Washington University	D.C.	Cosper, Corinne (Med. II)	Me
A.B. 1934, A.M. 1934, The George Washington University	Ohio	A.B. 1928, The George Washington University	
A.B. 1934, A.M. 1934, The George Washington University	Pa.	Craft, Harold Albert (Med. II)	D.C.
A.B. 1934, A.M. 1934, The George Washington University	Calif.	B.S. 1926, Pennsylvania State College	
A.B. 1934, A.M. 1934, The George Washington University	Me	M.S. 1926, The George Washington University	
A.B. 1934, A.M. 1934, The George Washington University	N.Y.	Crampton, Alexander Berkeley (Med. II)	Calif.
A.B. 1934, A.M. 1934, The George Washington University		Crapuchio, Dante Vincent (Med. IV)	Mass.
A.B. 1934, A.M. 1934, The George Washington University		A.B. 1931, Holy Cross College	
A.B. 1934, A.M. 1934, The George Washington University		Crest, I. Rascoe (Med. IV)	Utah
A.B. 1934, A.M. 1934, The George Washington University		Cristofani, Marjorie (Med. II)	D.C.
A.B. 1934, A.M. 1934, The George Washington University		B.S. 1931, The George Washington University	
A.B. 1934, A.M. 1934, The George Washington University		Crosby, Benjamin Lincoln (Med. II)	D.C.
A.B. 1934, A.M. 1934, The George Washington University		B.S. 1934, University of California	

Cross, Allen Slavman (Med. IV)	D.C.	Glaubach, Nathan (Med. IV)	D.C.
Cuvillier, Eugenia (Med. I)	D.C.	A.B. 1932, The George Washington University	
B.S. 1930, A.M. 1932, The George Washington University		Goffredi, Louis Joseph (Med. I)	N.Y.
Cuvillier, Louis Marshall, Jr. (Med. I)	D.C.	B.S. 1934, Catholic University of America	D.C.
Daughtrey, Darien Butler (Med. I)	D.C.	Golden, Robert Fred (Med. II)	N.J.
B.S. 1934, The George Washington University		Goldensohn, Leon Nathaniel (Med. III)	
deMarco, Joseph, Jr. (Med. IV)	Mass.	A.B. 1932, Ohio State University	D.C.
A.B. 1931, Clark University		Goldman, Milton (Med. I)	D.C.
Dermont, Harry (Med. II)	N.Y.	Goldstein, Max (Med. II)	D.C.
B.S. 1931, College of the City of New York		Gordon, Armand Bayon (Med. I)	N.J.
M.S. 1933, New York University		Grant, Raymond Joseph (Med. II)	
Detwiler, Newton Howard (Med. I)	Md.	A.B. 1933, Cornell University	N.J.
Diamond, Herbert Harold (Med. III)	D.C.	Greene, Edwin Clare (Med. II)	
Digal, Leonilo T. (Med. II)	P.I.	B.S. 1933, Alfred University	N.J.
A.B. 1932, University of Southern California		Grey, Douglas T. (Med. I)	Conn.
Dominick, John Frank (Med. III)	D.C.	Grillo, James Anthony (Med. IV)	
Donghia, Sebastian Augustus (Med. II)	Pa.	B.S. 1931, Franklin and Marshall College	Mich.
D'Onofrio, Gregory Richard (Med. IV)	N.Y.	Gustin, James William (Med. IV)	
B.S. 1931, University of Virginia		A.B. 1931, Alma College	Pa.
Dugan, Roger John (Med. III)	Ind.	Guzek, Joseph Thomas (Med. I)	
Dugan, Thomas Joseph (Med. III)	D.C.	B.S. 1934, Pennsylvania State College	Md.
B.S. 1933, Catholic University of America		Hand, John Phelps, Jr. (Med. III)	
Dutto, Bartholomew Joseph (Med. I)	N.Y.	A.B. 1932, Ohio Wesleyan University	Mont.
B.S. 1934, Catholic University of America		Harper, Lamar Blawett (Med. III)	D.C.
Dvorchak, George Edward (Med. I)	Pa.	Hastrell, Jerome Blaine (Med. III)	Va.
B.S. 1933, St. Francis College		Hartman, Clarence Richard (Med. III)	
Epstein, Julius (Med. II)	D.C.	A.B. 1934, The George Washington University	W.Va.
Erienne, Wolcott, Lowevee (Med. I)	Md.	Hatton, Don Virgil (Med. III)	D.C.
B.S. 1932, University of Maryland		Havell, Robert Barton (Med. IV)	
Everett, John E. (Med. II)	D.C.	B.S. 1933, University of Maryland	D.C.
A.B. 1934, The George Washington University		Havnes, Harry James (Med. I)	S.C.
Farrell, Frank Worthington (Med. II)	N.Y.	Hawsworth, Curtis Hall (Med. I)	D.C.
B.S. 1933, St. John's College		Hazard, John Henry (Med. I)	Neb.
Farrell, George Raymond (Med. II)	Md.	Henn, Vernet H. (Med. IV)	N.Y.
Faust, Mary Catherine (Med. IV)	N.J.	Heitzmann, Sister Colum Mary (Med. I)	Pa.
A.B. 1932, The George Washington University		Helwig, Frederick George (Med. III)	
Ferguson, Edward Egner (Med. III)	D.C.	B.S. 1932, Franklin and Marshall College	Va.
Ferraiuoli, Blas Eustaquio (Med. III)	P.R.	Hieble, Wilbur Warren (Med. I)	D.C.
Fiachbach, Adolph David (Med. III)	N.Y.	Hillman, Samuel (Med. I)	Mch.
A.B. 1932, Catawba College		Hobart, Harold McComb (Med. III)	
Forst, Arthur (Med. I)	N.Y.	B.S. 1930, Alma College	D.C.
A.B. 1934, The George Washington University		Holtzman, Saul (Med. II)	D.C.
Freer, Everett Charles (Med. I)	Pa.	Hoover, William Mitchell, Jr. (Med. IV)	
Fusfeld, Cecile Leban (Med. IV)	D.C.	A.B. 1930, The George Washington University	Utah
Garlick, W. Lynn (Med. II)	Ga.	Horne, Albert Merrill (Med. III)	
A.B. 1933, Emory University		A.B. 1932, University of Utah	D.C.
Gerber, Leon (Med. III)	D.C.	Horner, Jack Chomowich (Med. II)	N.Y.
Gilman, Jacob (Med. I)	D.C.	Horowitz, Samuel (Med. IV)	N.Y.
Glassman, Samuel (Med. III)	N.Y.	Horwitz, Marcus (Med. I)	Va.
		Howard, James Daman (Med. I)	D.C.
		B.S. 1932, The George Washington University	
		Hunt, Thelma (Med. IV)	Md.
		A.B. 1924, A.M. 1925, The George Washington University	

Hutto, George Mahlon (Med. III) A.B. 1932, The George Washington University	Ind	Luckett, William Fleet (Med. II) B.S. 1933, Franklin and Marshall College	D.C.
Hyson, Edward William (Med. III) B.S. 1927, M.S. 1928, Gettysburg College	Pa.	Lustbader, Philip Frederick (Med. III) A.B. 1932, University of Wisconsin	N.Y.
Jacobs, Ralph L. (Med. I)	N.Y.	Madden, John Patrick Leo (Med. II)	D.C.
Jacobs, William (Med. IV) A.B. 1933, Rutgers University	N.J.	Magee, William George (Med. III)	D.C.
Jade, Daniel (Med. I)	N.Y.	Mahet, Edward Joseph (Med. IV) A.B. 1928, University of California	Calif.
Jennison, Benjamin Bruton (Med. IV) B.S. 1931, Brigham Young University	Ariz.	Mazels, Albert Donald (Med. I)	D.C.
Johnson, Robert Chester (Med. I) B.S. 1934, University of Pittsburgh	Pa.	Mallert, Robert Bruce (Med. I)	N.Y.
Josephson, Irving J. (Med. IV) A.B. 1930, University of Alabama	N.Y.	Manchester, Benjamin (Med. IV)	D.C.
Kassan, Robert Jack (Med. III) A.B. 1933, The George Washington University	D.C.	Mandy, Arthur Jennings (Med. IV)	D.C.
Katzon, Bernard (Med. I)	D.C.	Mangione, Anthony Joseph (Med. IV) B.S. 1932, University of Arizona	Pa. D.C.
Kennan, Paul Chapman (Med. II) B.S. 1927, Hayden (Med. II) B.S. 1927, University of the South	D.C. Mexico	Martins, Eugene Maurice (Med. III) A.B. 1933, The George Washington University	D.C.
Kirkham, Ellis M. (Med. I) A.B. 1931, The George Washington University	D.C.	Massellone, Aniello Francis (Med. IV) B.S. 1931, Manhattan College	N.Y.
Kissinger, Charles Clark (Med. I)	D.C.	Mattox, Robert G. (Med. I) A.B. 1934, University of South Dakota	S.Dak.
Kline, Walter Lee, Jr. (Med. IV)	Md.	Maxwell, Margaret Jane (Med. I)	D.C.
Kneibler, John A. (Med. III)	Iowa	May, Angelo Mayer (Med. II) A.B. 1933, Stanford University	Calif.
Kordecki, Walter Andrew (Med. II) B.S. 1931, Lutes College	Mass	May, William P. (Med. IV) A.B. 1932, The George Washington University	D.C.
Kulhner, Elizabeth Yahl (Med. II) Kusert, John H. (Med. IV) A.B. 1929, Kalamazoo College	Ohio Mich.	McCallum, Donald C. (Med. IV) A.B. 1930, Johns Hopkins University	Md.
Lady, William Thurston (Med. I) Lapenta, Rocco George (Med. II) B.S. 1933, Lafayette College	D.C. Conn.	McGough, Thomas Francis (Med. I) McNamara, John Francis, Jr. (Med. II) McNitt, Agnes Louis (Med. III) A.B. 1933, The George Washington University	Pa. N.Y. D.C.
Larkin, Irving Gilbert (Med. II) A.B. 1934, The George Washington University	N.I.	McQuinn, Irwin Bruce (Med. IV)	Utah
Larson, R. Vernon (Med. IV) B.S. 1929, Utah State Agricultural College	Utah	Meier, Sister Hilja Mary (Med. I)	D.C.
Lehman, John (Med. IV)	N.Y.	Mendel, Charles Louis (Med. I)	D.C.
Lee, Yon Hwa (Med. II)	D.C.	Menke, Blane H. (Med. II) A.B. 1932, The George Washington University	Nev.
Lesch, Charles David (Med. I)	Mass	Messenger, William Josef (Med. III) A.B. 1933, A.M. 1934, University of Rochester	N.Y.
Lesordal, Sydney (Med. I)	D.C.	Miles, Wyatt Walker (Med. III) A.B. 1933, University of Utah	Utah
Leone, Abraham Al (Med. III) A.B. 1933, The George Washington University	D.C.	Millen, Samuel Robert (Med. I) A.B. 1934, The George Washington University	Conn.
Levine, Jack Louis (Med. I)	D.C.	Moffett, Richard Paul (Med. I)	D.C.
Levy, Arthur Harry (Med. IV) A.B. 1933, Marshall College	D.C.	Mohr, John F. (Med. II)	Pa.
Lindor, Carl Raymond (Med. II) B.S. 1933, The College	Pa.	Moschan, William Francis (Med. II) B.S. 1933, Catholic University of America	D.C.
Logan, Sister Maria Eleonora (Med. II)	D.C.	Morgenson, Philip (Med. II) A.B. 1934, The George Washington University	N.Y.
Lozano, Barbara Jacqueline (Med. I)	Mass	Morrow, Montgomerie (Med. III)	D.C.
Loewer, Angel Arthur (Med. IV) B.S. 1931, Tufts College	Mass	Mullen, Francis Robert (Med. II) A.B. 1931, Catholic University of America	Conn.

Mullen, George Edward, Jr. (Med. I)	N.Y.	Robbins, Nathan (Med. IV)	N.Y.
B.S. 1934, Fordham University		A.B. 1930, Syracuse University	
Nathanson, Leon Irving (Med. III)	D.C.	A.M. 1931, The George Washington University	D.C.
Nelson, Marjorie Mae (Med. I)	Tex.	Robins, LeRoy (Med. I)	D.C.
Norcross, John Alfred (Med. II)	D.C.	Robinson, Murry M. (Med. IV)	D.C.
B.S. 1935, Dickinson College		A.B. 1931, The George Washington University	
Norton, Robert Fouché (Med. IV)	Ga.	Rogge, Edgar A. (Med. IV)	Wash.
O'Connell, William Michael (Med. I)	N.Y.	B.S. 1931, University of Washington	D.C.
B.S. 1934, St. John's College		Ross, Louis (Med. II)	N.Y.
O'Donnell, Hanlon Joseph (Med. I)	D.C.	Rudner, Nathan (Med. II)	Conn.
Ogus Alfred (Med. IV)	D.C.	Russolillo, Francis Edward (Med. III)	
Opsahl, Harold E. (Med. IV)	Minn.		
Orleans, Sol (Med. II)	D.C.	Sacks, Harry (Med. III)	D.C.
A.B. 1932, The George Washington University		Salica, Michael (Med. II)	N.Y.
Owen, Arthur Wayne (Med. II)	Ind.	A.B. 1932, The George Washington University	Panama
Panzarella, Joseph Albert (Med. IV)	Md.	Schapiro, Mark Meyer (Med. I)	
A.B. 1931, The George Washington University		A.B. 1934, Johns Hopkins University	N.Y.
Parent, Ernest James (Med. IV)	D.C.	Scibelli, Anthony Joseph (Med. IV)	
B.S. 1931, Catholic University of America		A.B. 1931, St. John's College	N.Y.
Parker, Minor L., Jr. (Med. I)	W.Va.	Shapiro, Frank (Med. III)	
B.S. 1933, West Virginia Wesleyan College		A.B. 1932, The George Washington University	N.I.
Persons, W. Frank (Med. I)	D.C.	Shapiro, Irving (Med. I)	D.C.
Pessagno, Eugene Leo, Jr. (Med. III)	Md.	Shea, Samuel Hazen (Med. III)	
A.B. 1932, Johns Hopkins University		A.B. 1931, The George Washington University	Iaho
Pinto, Joseph Alexander (Med. II)	N.J.	Shurtliff, Alfred J. (Med. I)	D.C.
Popkin, Michael Sherman (Med. IV)	Conn.	Sickler, Donald Reginald (Med. II)	
B.S. 1931, Yale University		A.B. 1930, The George Washington University	N.J.
Presti, Arthur Anthony (Med. IV)	Ohio	Siegel, Victor (Med. III)	Pa.
A.B. 1931, Hiram College		Siegfried, Myrtle Margaret (Med. II)	Pa.
Prevo, Samuel Bradley (Med. II)	Ill.	Sirgany, Philip E. (Med. I)	N.Y.
Pugh, George Elbert (Med. I)	Pa.	Sisca, Anthony Vernon (Med. IV)	Va.
B.S. 1934, St. Thomas College		Sisson, Harold Edward (Med. I)	N.Y.
Qualheim, Clarence B. (Med. IV)	Wash.	Slocum, Theodore Doremus (Med. I)	
B.S. 1931, University of Washington		A.B. 1934, Cornell University	D.C.
Quilichini, Carlos Antonio (Med. II)	P.R.	Smilgin, Victor Edward (Med. IV)	Utah
Quinlan, Richard Simon (Med. II)	N.Y.	Smith, Chester Ronald (Med. IV)	
Quinones-Chacon, Pascasio (Med. III)	P.R.	B.S. 1929, Utah State Agricultural College	N.J.
Rack, Morris A. (Med. IV)	Pa.	Smith, F. Willis (Med. II.)	D.C.
B.S. 1932, University of Pittsburgh		Smith, John Beverly (Med. III)	
Radices, Julius John (Med. IV)	D.C.	A.B. 1933, The George Washington University	D.C.
A.B. 1930, University of Maryland		Snyder, Luther Henry (Med. IV)	
Raffel, William (Med. IV)	D.C.	A.B. 1931, Gettysburg College	D.C.
Rainey, Fredericka Blackwell (Med. II)	Mass.	Sorrell, William George (Med. III)	Md.
A.B. 1927, Radcliffe College		Soukknall, Charles G. (Med. III)	D.C.
Read, Margaret Virginia (Med. I)	Va.	Spire, Richard Harding (Med. II)	N.I.
Reif, Irving Lester (Med. III)	N.Y.	Sposito, Michael William (Med. III)	
B.S. 1932, University of Virginia		B.S. 1932, The George Washington University	N.Y.
Revilla, Antonio Gonzalez (Med. III)	Panama	Springer, Morris (Med. IV)	
Richard, Dalbert J. (Med. III)	Ia.	A.B. 1930, University of Alabama	
Rigby, Carol (Med. II)	Va.	M.S. 1932, New York University	Md.
A.B. 1931, American University		Stanton, Alfred Hodgkin (Med. III)	Ohio
Rigby, Clifford B. (Med. I)	Iaho	Steinberg, Abe Henry (Med. IV)	
A.B. 1934, University of Utah		B.S. 1931, University of Toledo	

Steiner, Sylvan Adolph (Med. II)	D.C.	Valente, Frank Natale (Med. IV)	N.Y.
Sugar, Samuel Jacob (Med. I)	D.C.	B.S. 1936, Manhattan College	
Ph G. 1911, The George Washington University		Vedder, Henry Clay (Med. III)	D.C.
Sullivan, Benjamin H. (Med. I)	Me.	Vigus, Charles Everett (Med. III)	Me.
Sullivan, Richard I. (Med. IV)	D.C.	A.B. 1920, Colby College	
Suter, Alfred John (Med. III)	D.C.	Weber, Charles Lynn (Med. III)	P ₂
A.B. 1914, The George Washington University		Weinstein, Irvine (Med. IV)	N.Y.
Suttonfield, Frederick Daniel (Med. II)	D.C.	B.S. 1931, College of the City of New York	
Sutton, Lucy A. (Med. I)	D.C.	Weintraub, Henry (Med. I)	N.Y.
A.B. 1920, The George Washington University		B.S. 1914, Brooklyn College	
Tall, Abdon (Med. III)	Idaho	Widome, Abraham Allen (Med. I)	D.C.
B.S. 1930, University of Idaho		Widome, Blanche (Med. I)	D.C.
Tall, Axel (Med. II)	Idaho	A.B. 1934, The George Washington University	
B.S. 1930, University of Idaho		Williams, Jack Lloyd (Med. I)	Idaho
Leasick, Irving A. (Med. IV)	N.Y.	B.S. 1934, University of Idaho	
A.P. 1911, University of North Dakota		Wiltchik, Isadore (Med. IV)	N.Y.
Leach, David S. (Med. I)	Pa.	A.B. 1912, The George Washington University	
Leach, Alfred Pendleton, III (Med. IV)	D.C.	Wink, Irving W. (Med. II)	D.C.
Ph.D. 1934, New York University		Wunsch, Joseph John (Med. II)	Pa.
Leach, Lawrence (Med. I)	N.Y.	Yood, Morris Marvin (Med. I)	D.C.
Dempson, I. Leawn, Jr. (Med. III)	D.C.	A.B. 1934, The George Washington University	
Dempson, William Dove (Med. I)	Va.	Zola, Samuel (Med. III)	D.C.
A.B. 1919, The George Washington University		A.B. 1931, The George Washington University	
Leach, Louis Henry (Med. I)	Mass.		
Leach, George (Med. III)	D.C.		
Leach, Sister Louise Antonette Maria (Med. II)	D.C.		
Leach, Verna V. (Med. II)	D.C.		

SUMMARIES OF REGISTRATION

1934-35

NUMBER OF REGISTRATIONS

First year.....	81
Second year.....	68
Third year.....	71
Fourth year.....	71
Total.....	291

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Arizona.....	1	Nevada.....	1
California.....	5	New Jersey.....	15
Connecticut.....	6	New Mexico.....	1
District of Columbia.....	110	New York.....	46
Florida.....	1	Ohio.....	4
Georgia.....	2	Panama.....	3
Idaho.....	5	Pennsylvania.....	20
Illinois.....	2	Philippine Islands.....	1
Indiana.....	3	Puerto Rico.....	4
Iowa.....	1	South Carolina.....	1
Louisiana.....	1	South Dakota.....	2
Maine.....	3	Texas.....	1
Maryland.....	18	Utah.....	6
Massachusetts.....	8	Vermont.....	1
Mexico.....	1	Virginia.....	8
Michigan.....	3	Washington.....	2
Minnesota.....	1	West Virginia.....	2
Montana.....	1	Total.....	291
Nebraska.....	1		

GRADUATES OF COLLEGES REGISTERED IN THE SCHOOL OF MEDICINE

Alabama, University of.....	2	Dickinson College.....	1
Alfred University.....	2	Emory University.....	1
Alma College.....	2	Fordham University.....	1
American University.....	1	Franklin and Marshall College.....	3
Arizona, University of.....	1	George Washington University, The.....	5
Bates College.....	1	Gettysburg College.....	2
Brigham Young University.....	1	Goucher College.....	1
Brooklyn College.....	1	Hiram College.....	1
California, University of.....	3	Holy Cross College.....	1
Catawba College.....	1	Hunter College.....	3
Catholic University of America.....	6	Idaho, University of.....	3
Clark University.....	1	Johns Hopkins University.....	1
Colby College.....	1	Kalamazoo College.....	1
College of the City of New York..	2	Lafayette College.....	3
Cornell University.....	2	Manhattan College.....	

Marshall College.....	1	Stanford University.....	1
Maryland, University of.....	3	Syracuse University.....	1
Moravian College.....	1	Thiel College.....	1
New Mexico, University of.....	1	Toledo, University of.....	1
New York University.....	4	Tufts College.....	2
North Dakota, University of.....	1	Utah State Agricultural College.....	2
Ohio State University.....	1	Utah, University of.....	3
Ohio Wesleyan University.....	1	Virginia, University of.....	2
Pennsylvania State College.....	3	Washington, University of.....	2
Pittsburgh, University of.....	2	West Virginia Wesleyan College.....	1
Radcliffe College.....	1	Wisconsin, University of.....	1
Rochester, University of.....	1	Yale University.....	1
Rutgers University.....	1		
St. Francis College.....	1	Total.....	153
St. John's College.....	3	Counted twice.....	3
St. Thomas College.....	1		
South, University of the.....	1	Number of college graduates.....	150
South Dakota State College.....	1		
South Dakota, University of.....	1	Number of colleges represented.....	62
Southern California, University of.....	1		

INTERNSHIPS, CLASS OF 1934

Name	Hospital	City
Apter, Harry	Mount Sinai Hospital	Hartford, Conn.
Atiles, Alberto Diaz	No internship	
Brainin, William	Grau Hospital	New Haven, Conn.
Brooklin, Louis Andrew	Newark City Hospital	Newark, N.J.
Brookhart, Florence	Gallinger Municipal Hospital	Washington, D.C.
Butler, Henry Lee	Gallinger Municipal Hospital	Washington, D.C.
Case, Paul Henry	Kansas City General Hospital	Kansas City, Mo.
Close, Byron Huntington	Conemaugh Memorial Valley Hospital	Johnstown, Pa.
Coleman, William Ernest	E. Hillman Hospital	Birmingham, Ala.
Conway, James Vincent	Elizabeth General Hospital	Elizabeth, N.J.
Corey, Merle Irving	Emergency Hospital	Washington, D.C.
Cullimore, Leland K.	Gallinger Municipal Hospital	Washington, D.C.
Diamond, David	St. Francis Hospital	Trenton, N.J.
Donahey, Victor Virgil	Highland Park Hospital	Detroit, Mich.
Dorset, Virgil Jackson	Emergency Hospital	Washington, D.C.
Dusbabek, James Albert	George Washington University Hospital	Washington, D.C.
Eklund, Raymond Thorwald	Southern Pacific Hospital	San Francisco, Calif.
Elder, Harry	San Francisco General Hospital	San Francisco, Calif.
Epstein, Richard	Beth-El Hospital	Brooklyn, N.Y.
Feller, William	St. Mary's Hospital	Hoboken, N.Y.
Fine, Irvin	St. Francis Hospital	Trenton, N.J.
Flood, E. Clyde	Southern Pacific General Hospital	San Francisco, Calif.
Gerber, Aaron Harry	Bronx Hospital	Bronx, N.Y.
Gould, George Isadore	Trinity Hospital	Brooklyn, N.Y.
Gromet, Maurice I.	No internship	
Gruberman, Edward Isidor	No internship	
Haines, Hilton Drummond	St. Luke's Hospital	Cleveland, Ohio
Hansen, Howard	Sibley Hospital	Washington, D.C.
Harper, Howard Edward	Lenox Hill Hospital	New York City
Henderson, James Alexander	Mary Immaculate Hospital	Jamaica, N.Y.
Hudson, George Henry	Conemaugh Valley Memorial Hospital	Johnstown, Pa.
Kasov, Naomi Marilyn	Brooklyn Jewish Hospital	Brooklyn, N.Y.
Kent, Joseph Edgar	Columbia Hospital	Pittsburgh, Pa.
Kilstein, Richard I.	Beth David Hospital	New York City
Kinn, James David	Yonkers General Hospital	Yonkers, N.Y.
Kleiman, Aaron Harry	Jewish Memorial Hospital	New York City
Knott, William Luther	Emergency Hospital	Washington, D.C.
Kramer, Milton	Swedish Hospital	Brooklyn, N.Y.
Kupers, I. Joseph	No internship	
Lemeschewsky, George Paul	No internship	
Lipschitz, Samuel	Morrisania City Hospital	New York City
Mandy, Theodor Edward	Gallinger Municipal Hospital	Washington, D.C.
Meo, Richard Carl	St. Mary's Hospital	Waterbury, Conn.
Minsky, Arthur	No internship	
Noonan, Paul Eretz	Mercy Hospital	Pittsburgh, Pa.
Ocheret, Irving	No internship	
Orben, Lloyd Deering	Flushing Hospital	New York City
Orrin, Harold Julius	Newark Beth Israel Hospital	Newark, N.J.
Peckham, Lincoln Henry	Garfield Hospital	Washington, D.C.
Pincock, Glen	Garfield Hospital	Washington, D.C.
Reeves, George William	Gallinger Municipal Hospital	Washington, D.C.
Richwine, Barton Winters	George Washington University Hospital	Washington, D.C.
Roache, Fred Brinning	Masonic Hospital	Chicago, Ill.
Robbins, Irving	Lebanon Hospital	New York City
Royer, Clark Willard	Grant Hospital	Chicago, Ill.
Rude, Gilbert B.	Garfield Hospital	Washington, D.C.
Sanger, Emerson Jacob	St. Mary's Hospital	Detroit, Mich.
Shank, John T.	Miami Valley Hospital	Dayton, Ohio
Sheinmel, Archie	No internship	
Shreehan, Hubert Francis	St. Michael's Hospital	Newark, N.J.
Shulman, Isidore	No internship	
Skelly, John Francis	St. Mary's Hospital	San Francisco, Calif.
Snyder, Carolyn Hannah	George Washington University Hospital	Washington, D.C.
Spritzer, Theodore David	Muhlenberg Hospital	Plainfield, N.J.

INTERNSHIPS, CLASS OF 1934—Continued

Name	Hospital	City
Stevenson, Leland Ernest	Emergency Hospital	Washington, D.C.
Stewart, James C.	No internship	
Sullivan, Norbert Paul	Lenox Hill Hospital	New York City
Suter, James Marion	Lettsman General Hospital	San Francisco, Calif
Terrell, William Dandridge	George Washington University Hospital	Washington, D.C.
Weiler, Margaret Catherine	City Hospital	Baltimore, Md.
Young, Grace Victoria	Mt. Vernon Hospital	Mt. Vernon, N.Y.
Yount, Clarence Edgar	Gallinger Municipal Hospital	Washington, D.C.

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1935-36

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CALENDAR OF THE LAW SCHOOL

1935-36

Date	Days	Occasion
1935:		
September 21, 23-24	Saturday, Monday, and Tuesday	Registration period for the first semester
September 25	Wednesday	Academic year begins
October 8	Tuesday	Last day for late registration for the first semester
October 16	Wednesday	Fall Convocation
November 28-30	Thursday to Saturday, both dates inclusive	Thanksgiving recess
December 21-January 2	Saturday to Thursday, both dates inclusive	Christmas recess
1936:		
January 3	Friday	Classes resumed
January 6	Monday	Last day for applications for degrees to be conferred in February
January 13-24	Monday to Friday, both dates inclusive	Preregistration period for the second semester
January 25 February 1	Saturday to Saturday, both dates inclusive	Midyear examination period
February 5-6	Wednesday and Thursday	Registration period for the second semester
February 7	Friday	Classes resumed for the second semester
February 20	Thursday	Last day for late registration for the second semester
February 22	Saturday	Midwinter Convocation. Holiday
April 10-13	Friday to Wednesday, both dates inclusive	Easter recess
May 1	Friday	Last day for applications for degrees to be conferred in June
May 20 June 6	Wednesday to Saturday, both dates inclusive	Final-examination period
May 30	Saturday	Memorial Day. Holiday
June 7	Sunday	Baccalaureate Sermon
June 10	Wednesday	Commencement
June 15	Monday	First summer term begins
July 29	Wednesday	First summer term ends
July 30	Thursday	Second summer term begins
September 12	Saturday	Second summer term ends
September 19, 21-22	Saturday, Monday, and Tuesday	Registration period for the first semester of the academic year 1936-37

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The Board of Trustees of the University is comprised of the President of the University, ex officio, and the following persons by election:

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* The President of the University and the Dean of the Law School are ex-officio members of all committees.

† Elected by the Faculty.

GENERAL INFORMATION

INTRODUCTORY

The George Washington University Law School, established in 1826, discontinued somewhat later, and reorganized in 1865, is the oldest in the District of Columbia. The course of instruction for the degree of Bachelor of Laws, originally requiring two years, was increased in 1898 to three years. A course leading to the degree of Master of Laws was added in 1877. In 1900 the School took part in the organization of the Association of American Law Schools and has been a member of the Association since that time. In 1911 the School became coeducational. In 1924 the late afternoon course for students with limited schedules was increased to four years. On September 1, 1925, the entrance requirements were increased to two years of college work. The School is approved by the Council of Legal Education of the American Bar Association. Since September 1, 1925, it has occupied a new building, designed and constructed for its use. This building is named Stockton Hall in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. It contains nine classrooms, library space with a maximum capacity of 40,000 volumes, and ten offices for professors.

THE LIBRARY

The Law School Library of nearly 18,000 volumes contains the decisions of the highest courts of all the States, the Reports of the United States Supreme Court and other Federal courts, the English Reprints and English Law Reports, the United States Statutes, the statutes of all the States, the English statutes, the principal English and American digests, legal encyclopedias and collections of annotated cases, and the leading textbooks and legal periodicals.

The library is open from 9 a.m. to 11 p.m. each class day (Saturday, 9 a.m. to 7 p.m.) and from 2 to 6 p.m. on Sunday.

THE LAW REVIEW

The *George Washington Law Review*, published quarterly by the University, is edited by the Faculty and students of the Law School. It is devoted exclusively to the field of governmental and Federal public law. The location of the University in the National Capital, where the primary sources of Federal public law may be observed in operation, affords a unique opportunity for specialization in this field. Among the subjects included in this field are administrative law, admiralty, conflict of laws, constitutional law, federal trade commission, international law, interstate commerce, immigration, patents, copyrights, trade marks, taxation, trade regulation, tariff commission, radio commission, and veteran's administration.

The editorial work of the *Review* is in charge of a Faculty editor-in-chief, a Faculty board of associate editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year from those students who have completed forty semester-hours or more with an average grade of *B* or better.

ADMISSION

For a statement of the general regulations and procedure for admission to the University, see pages 48-52 of the University catalogue.

Applications for admission and certificates of prelegal study should be filed with the Director of Admissions not later than two weeks before the registration period. Applications for admission with advanced standing should be filed with the Dean of the Law School not later than ten days before the registration period.

FOR THE BACHELOR OF LAWS DEGREE

Candidates for this degree must have completed before admission fifteen units of approved secondary-school work, and at least two years—sixty semester-hour credits—of approved college work. The completion of this work must be evidenced by proper certificates. In no case will a student be admitted with a condition in any part of the entrance requirement. An application for admission may be rejected on the ground of unsatisfactory scholarship in prelegal studies.

The college work required for admission may be completed in the Junior College of The George Washington University. Applicants for such college work should communicate with the Director of Admissions of the University.

ADVANCED STANDING

Students from approved law schools may receive not more than two years' credit toward the degree of Bachelor of Laws for work done in such schools. Applicants for admission with advanced standing must file certified transcripts of record showing high-school, college, and law credits. The right is reserved to refuse such credit, in whole or in part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work. No student will be admitted who has been in attendance at another law school and is ineligible, because of poor scholarship, to return to that school.

Students intending to attend summer-school sessions at other law schools and desiring to use credits obtained at such schools in their course for the degree of Bachelor of Laws at this Law School, must first have the courses they wish to take approved by the Dean. In no event will credits be recognized in excess of those which might be obtained in a similar period in this School.

FOR THE MASTER OF LAWS DEGREE

Candidates for this degree must have completed at the time of their admission not less than two years of work in an approved college, must have received the degree of Bachelor of Laws or an equivalent degree from an accredited law school, and must have attained in the course for the law degree an average grade equivalent to the grade of *B* in this Law School or must have been admitted by special action of the Dean's Council.

UNCLASSIFIED STUDENTS

Persons eligible for admission to regular standing may, in the discretion of the Dean, be admitted as unclassified students, to courses aggregating not more than four hours a week.

UNIVERSITY STUDENTS IN THE LAW SCHOOL

A limited number of persons who cannot qualify as candidates for a degree in Law, but who are over twenty-five years of age and because of their maturity, training, and experience seem qualified to pursue the study of Law, may be admitted to the Division of University Students as "university" students. Candidates for admission as university students in Law must file written applications, setting forth their qualifications in detail, and letters and certificates to prove the facts stated therein as to their education and experience. Work done by such university students will not be counted toward a degree.

REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in the Law School until proper credentials have been filed and approved by the proper officers of the University (see "Admission", above).

Only with the approval of the Dean's Council may a student be permitted to register in the second semester of a year subject before he has completed the attendance in the first semester of that subject.

In all cases where students are permitted to register in one semester of a year subject, they must register for the other semester of that subject not later than one calendar year from the time the attendance in the first semester was completed.

Registration is permitted at the beginning of either semester. Students beginning the study of Law in the second semester, however, may pursue only a limited schedule. Such students may pursue other first-year courses in the succeeding summer session.

Qualified students who are entitled to advanced standing on records from other approved law schools or who have completed courses at this

Law School during former periods of attendance, may register at the beginning of the second semester for subjects which commence at that time, but not for year subjects.

Registration days for the academic year 1935-36 will be Saturday, Monday, and Tuesday, September 21, 23, and 24, 1935, and Wednesday and Thursday, February 5 and 6, 1936. Except where special permission is given, students must register on the regular registration days. A late-registration fee of \$5 will be charged each student who is permitted to register after the regular registration days. No registration may be made for a semester subject after the first two weeks of a semester, or for a year subject after the first four weeks of the year.

Registration may be changed only with the permission of the Dean. A fee of \$2 will be charged for each such change.

For further information regarding registration, see pages 53-54 of the University catalogue.

FEES AND FINANCIAL REGULATIONS

University fee, for each semester or for any part thereof	\$3.00
Tuition fee, for each semester-hour credit of courses taken (minimum charge for one semester, \$24)	8.00
Graduation fee	20.00
Fee for special examinations, for each subject	5.00
Late-registration fee, charged students who fail to register within the designated period	5.00
Reinstatement fee, charged students who are reinstated after being suspended for delinquency in fees	5.00
Change fee, for each change in program after registration	2.00

THE UNIVERSITY FEE

Payment of the University fee, charged all students, secures to them the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of the University library facilities, except as otherwise designated; (4) gymnasium privileges and the use of the University playing fields; (5) admission to all athletic contests, unless otherwise specified; (6) the *University Hatchet*, the official University newspaper; (7) admission to University debates; (8) medical attention and hospital services as described on pages 15-16.

PAYMENT OF FEES

All fees are payable at the Office of the Comptroller, 2033 G Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each semester are due and payable in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, students registering for more than three semester-hours may sign contracts for semester charges, except for the University fee and deposits, permitting instalment payments as follows: First semester—one third at the time of registration, plus the University fee and deposits; one third on November 1; one third on December 1. Second semester—one third at the time of registration, plus the University fee and deposits; one third on March 1; one third on April 1. Students registering for three hours or less, and students in the School of Medicine, are not privileged to sign contracts for instalment payments.

Students who fail to meet instalment payments by the sixteenth of the month will be suspended and may not attend classes until they have paid all accrued fees, a reinstatement fee of \$5, and have been officially reinstated. A suspended student may not be reinstated for the semester after two weeks from the date of suspension. Applications for reinstatement are to be made to the Dean of the School or Director of the Division in which the student is registered.

No student may register in any department of the University who owes fees in any other department of the University.

Auditors pay all fees chargeable to students registered for credit except the late-registration fee.

WITHDRAWALS AND REFUNDS

Applications for withdrawal from the University or for changes in schedule must be made in person or in writing to the Dean of the School or the Director of the Division in which the student is registered. Notification to an instructor is not an acceptable notice.

In authorized withdrawals and changes in schedules financial adjustments will be made on the principle of the three instalments a semester, as follows:

First semester: Withdrawals dated on or before October 31, cancellation of the second and third instalments; withdrawals dated on or before November 30, cancellation of the third instalment; no refunds or rebates will be allowed on withdrawals dated subsequent to November 30.

Second semester: Withdrawals dated on or before February 28, cancellation of the second and third instalments; withdrawals dated on or before March 31, cancellation of the third instalment; no refunds or rebates will be allowed on withdrawals dated subsequent to March 31.

In no case will any part of an initial instalment of tuition be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

No permission to withdraw and no certificate of work done will be given a student who has not a clear financial record.

mitted to register for one semester only of a year subject, he may not take the examination in that subject until the other semester has been completed. If no regular examination in that subject is scheduled at the time the other semester is completed, then the student shall not be given a special examination but shall be required to take the next regular examination.

No special examinations will be given; except, that upon written application to the Dean's Council, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, in the discretion of the Dean's Council, be given a special examination not less than sixty days after the date of the one which he failed to take.

CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of semester-hours of credit as follows: first year, to twenty-seven; second year, twenty-eight to fifty-five; third year, fifty-six or more.

ELIGIBILITY FOR STUDENT ACTIVITIES

In order to be eligible to represent the University in any intercollegiate nonathletic activity a student must be a regularly enrolled candidate for a degree, registered for at least nine hours, and not on probation. In order to participate in other student activities a student must be registered for at least two courses and not on probation.

A detailed statement of the regulations governing participation in intercollegiate athletic contests may be secured from the Secretary of the Faculties.

Before a student may participate in any activity he must be certified as eligible by the Registrar of the University as Secretary of the Faculty Committee on Eligibility. The Faculty adviser in charge of each activity shall submit to the Registrar a list of all student candidates for participation in that activity. For the purpose of determining eligibility under these rules, a student's quality-point index will be calculated at the end of each semester, irrespective of the amount of work carried.

RIGHT TO DROP STUDENTS

The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty or the University Administration deems it advisable to do so.

STUDENT LIFE

LIVING ACCOMMODATIONS

For the benefit of nonresident students registers of rooms which have been inspected and approved are kept in the office of the Director of

Women's Personnel Guidance, where inquiries in respect to housing facilities should be addressed. Single rooms usually range in price from \$15 to \$25 a month, and double rooms from \$10 to \$20 a month a person. Rooms with board, including breakfast and dinner, cost from \$35 to \$45 a month a person.

It is advisable for students to reach the University two or three days before the opening of the term in order that they may become established in **satisfactory living quarters before class work begins.**

Plans for the Strong Residence Hall for women are now in preparation.

WOMEN STUDENTS

All women students under twenty-three years of age must have their residences approved by the Director of Women's Personnel Guidance, unless they are living with family or relatives. Registration is not complete until such approval is given.

PLACEMENT OFFICE

The Placement Office is maintained to assist graduates and students in finding positions for which their college work has prepared them, and to cooperate with employers who wish to fill vacancies. Enrolment is open to alumni members and students of the University without charge for placement.

For further information address the Placement Office, The George Washington University, Washington, D.C.

STUDENT EMPLOYMENT

An employment service is operated to assist self-supporting students in finding employment. The University offers every possible assistance, but success in self-support depends upon the student himself.

Prospective students who expect to earn any part of their expenses and who do **not have definite appointment to positions before coming to Washington,** should have the means of support for at least one semester. A minimum budget of \$100 a month is recommended.

Many out-of-town students secure positions in the Departments of the Government in Washington by taking the United States Civil Service examinations in their home States. The hours of employment permit them to pursue a college course in the late afternoon.

HEALTH ADMINISTRATION

The payment of the University fee entitles students to health services hereinafter described. Through reports from the students and University officials, the University attempts to **keep informed as to all cases of illness among its students.**

Medical privileges include: (1) the physical examination of all students entering from secondary schools; (2) three visits by the University physi-

cian or surgeon, office or home, in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school term—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not include treatment for illness or disability incurred previous to the University term or prior to payment of the University registration fee.

Students are allowed, if they so desire, to engage physicians and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) students who have severed their connection with the University are ineligible for medical benefits; (4) students intending to train for athletic teams are required to pass a careful examination at the beginning of each semester; (5) the above regulations apply during the Summer Sessions of the University.

COURSES OF INSTRUCTION

The courses of instruction in Law are listed on pages 21-24.

THE DEGREES

Upon the satisfactory completion of the requirements of the Law School, the degree of Bachelor of Laws or Master of Laws is conferred.

REQUIREMENTS FOR THE BACHELOR OF LAWS DEGREE

To be recommended for a degree a student must satisfy the admission, residence, and scholarship requirements and must complete the prescribed number of credits and required subjects. *Particular attention is called to the statement of graduation requirements on pages 71-73 of the University catalogue.*

RESIDENCE

The residence requirement for this degree is three academic years for full-time students or four academic years for students with limited schedules. A year's attendance in the late afternoon classes for students with limited schedules is counted as residence for three fourths of a year. In the case of students admitted with advanced standing, at least one

full year of this residence requirement must be spent in The George Washington University.

A student who at the end of any regular period of residence—the first semester, the second semester, or the summer session—has completed subjects which equal in semester-hours the total number of semester-hours required for the degree for which he is a candidate, but has failed to complete the full residence requirements for that degree, must be in residence during additional periods sufficient to satisfy completely the residence requirements. In all such cases the student must be in residence during the entire period and must satisfy the attendance requirements of, and pass the examination in, at least one subject.

CURRICULUM REQUIREMENTS

The curriculum leading to the degree of Bachelor of Laws is set forth under the first, second, and third years of the "Plan of Study", below. The successful completion of the courses there listed is required for the degree. The credit requirement is a minimum of eighty semester-hours.

COMBINED ARTS AND LAW CURRICULUM

The University will confer the degree of Bachelor of Arts upon the completion of three years of college work and the first year in the Law School. In order to be certified as having satisfactorily completed one year of law work, the student must have completed twenty-eight semester-hours in the Law School, with an average of C or better (see the Columbian College announcement, page 98 of the University catalogue). The Bachelor of Laws degree will be conferred upon the completion of the remainder of the work for that degree.

COMBINED ENGINEERING AND LAW CURRICULUM

The University will confer the degree of Bachelor of Science in Engineering upon the completion of the first three years of the curriculum for that degree in the School of Engineering and the first year in the Law School (see the School of Engineering announcement, page 143 of the University catalogue). The Bachelor of Laws degree will be conferred upon the completion of the remainder of the work for that degree.

SCHOLARSHIP

The eighty semester-hours of work required for the degree must be completed with an average grade of at least C.

Unless a student in each academic year receives a grade above F in at least three fourths of the semester-hours for which he is registered and obtains a numerical average grade of not less than 60, he will be denied registration in the future; but upon written application to the Committee on Reinstatement, showing sufficient cause, and after a personal hearing,

if he so desires, he may be reinstated on such conditions as the committee may impose.

HONORS

The degree of Bachelor of Laws "with distinction" will be awarded students who obtain an average grade of *A*.

REQUIREMENTS FOR THE MASTER OF LAWS DEGREE

Candidates for the degree of Master of Laws must complete twenty semester-hours of work in subjects not counted toward the degree of Bachelor of Laws.

This degree will not be conferred until one academic year after the candidate receives the degree of Bachelor of Laws. All requirements must be completed in not exceeding two years after registration for the work for the degree.

SCHOLARSHIP

Courses taken for the Master's degree must be completed with an average grade of not less than *B*.

REQUIRED SUBJECTS

Trusts, Conflict of Laws, and Constitutional Law must be included in the course for the degree of Master of Laws if not previously taken. No first-year subject and no second-year required subject may be counted toward this degree.

PLAN OF STUDY

The subject matter is so arranged in the curriculum as to give an understanding of the relations between subjects. For this reason the subjects, except where special permission has been given, must be taken in the order provided for in the plan of instruction.

Qualified third-year students may elect a limited number of graduate subjects and count them toward the degree of Bachelor of Laws.

Candidates for the degree of Master of Laws may elect and count toward that degree third-year subjects not already counted toward the degree of Bachelor of Laws.

First Year	Sem. hrs.	Second Year	Sem. hrs.
Civil Procedure.....	4	Bills and Notes.....	4
Contracts.....	4	Constitutional Law I.....	4
Criminal Law and Procedure.....	4	Equity II.....	4
Personal Property.....	4	Evidence.....	4
Real Property I.....	4	Real Property II.....	4
Torts.....	4	Electives.....	8
Electives.....	4		
Total.....	28	Total.....	28

Third Year	Sem. hrs.	Master of Laws	Sem. hrs.
Business Associations.....	4	Administrative Law.....	4
Moot Court.....	4	History of Law.....	4
Electives.....	16	International Law.....	4
		Electives.....	8
Total.....	24	Total.....	20

Courses from which electives may be selected are as follows: for the first and second years, Agency (4), Domestic Relations (2), Insurance (2), Quasi-contracts (2), Sales (4); for the third year and for the Master of Laws degree, Admiralty (2), Briefmaking (1), Conflict of Laws (4), Constitutional Law II (4), Creditor's Rights (2), Equity III (2), Federal Jurisdiction (2), Future Interests (2), Government Corporations (2), Interstate Commerce Law (2), Jurisprudence (2), Labor Law (2), Municipal Corporations (2), Organization of Corporations (1), Patent Law (4), Patent Moot Court (4), Public Utilities (2), Security (2), Taxation (4), Trade Regulation (4), Trusts (4). Figures in parentheses indicate the number of semester-hours of credit.

HOURS OF INSTRUCTION

The regular course for full-time students is given from 9.10 a.m. to 1 p.m. Employed students may take the regular course in the classes held at 5.10 and 6.10 p.m.

For catalogues, application blanks, and further information, address the Dean of the Law School, The George Washington University, Stockton Hall, Washington, D.C.

COURSES OF INSTRUCTION IN LAW

The courses of instruction listed below are subject to some slight change. The University reserves the right to withdraw any course announced.

The number which precedes the name of a course indicates the semester in which that course is offered. An odd number indicates that the course is offered in the first semester; an even number, that it is offered in the second semester; and a double number (e.g., 157-58), that it begins in the first semester and continues in the second.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and graduate courses, from 401 to 500.

The number of semester-hours of credit given for the satisfactory completion of a course is indicated in parentheses after the name of the course. Thus, a year course giving two hours of credit each semester is marked (2 2), and a semester course giving two hours of credit is marked (2).

101-2 *Agency* (2-2)

(2-2) Compton

Case book to be announced. Section A, Tues. and Wed., 12.10 p.m. Section B, Fri. 5.10 and 6.10 p.m.

Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10 p.m., second term (McIntire).

106-6 *Civil Procedure* (2-2)

Clephane, Fulbright

Section A (case book to be announced), Mon. and Tues., 9.10 a.m. Section B (O'Donnell on Procedure and Forms; Clephane on Equity Pleading), Tues., 5.10 and 6.10 p.m. Section C, Mon., 5.10 and 6.10 p.m.

111-12 *Contracts* (2-2)

Moll, Compton

Williston's Cases on Contracts, 3d ed. Section A, Mon. and Wed., 11.10 a.m. Section B, Mon., 5.10 and 6.10 p.m. Section C, Tues., 5.10 and 6.10 p.m.

114 *Contracts Special* (4)

Ward

Williston's Cases on Contracts, 3d ed. Mon. and Tues., 5.10 and 6.10 p.m.

123-24 *Criminal Law and Procedure* (2-2)

Compton, Kirkland

Case book to be announced. Section A, Thurs. and Fri., 9.10 a.m. Section B, Thurs., 5.10 and 6.10 p.m. Section C, Wed., 5.10 and 6.10 p.m.

126 *Criminal Law Special* (4)

Kirkland

Case book to be announced. Thurs. and Fri., 5.10 and 6.10 p.m.

- 133-34 *Personal Property* (2-2) Fryer
Bigelow's Cases on Personal Property, 2d ed., 1931; materials on the study of law; remedies and the term "property"; Fryer's Readings on Personal Property. Section A, Wed., 9.10 a.m. and Thurs., 11.10 a.m. Section B, Tues., 5.10 and 6.10 p.m. Section C, Mon., 5.10 and 6.10 p.m.
- 137-38 *Real Property I* (2-2) Spaulding, Benson
Fraser's Cases on Property, vol. I. Section A, Tues. and Fri., 10.10 a.m. Section B, Fri., 5.10 and 6.10 p.m. Section C, Thurs., 5.10 and 6.10 p.m.
- 141-42 *Torts* (2-2) Van Vleck, Fulbright
Beale's edition of Ames and Smith's Cases. Section A, Thurs. and Fri., 12.10 p.m. Section B, Wed., 5.10 and 6.10 p.m. Section C, Fri., 5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10 p.m., first term.
- 209-10 *Bills and Notes* (2-2) Oppenheim
Britton's Cases on Bills and Notes, 2d ed. Section A, Thurs. and Fri., 11.10 a.m. Section B, Mon., 5.10 and 6.10 p.m.
- 213-14 *Constitutional Law I* (2-2) Collier
Dodd's Cases on Constitutional Law. Section A, Tues. and Wed., 12.10 p.m. Section B, Tues., 5.10 and 6.10 p.m.
- 217 *Domestic Relations* (2)
(Not offered in 1935-36.)
- 219-20 *Equity II* (2-2) Spaulding, Fulbright
Chafee and Simpson's Cases on Equity. Section A, Mon., 11.10 a.m., and Tues., 9.10 a.m. Section B, Fri., 5.10 and 6.10 p.m. Section C, Tues., 5.10 and 6.10 p.m.
- 223-24 *Evidence* (2-2) Latimer, Fryer
Hinton's Cases on Evidence, 2d ed., 1931. Section A, Thurs. and Fri., 9.10 a.m. Section B, Mon., 5.10 and 6.10 p.m. Section C, Thurs., 5.10 and 6.10 p.m.
- 241-42 *Real Property II* (2-2) Benson
Kirkwood's Cases on Conveyances; Mechem and Atkinson's Cases on Wills and Administration. Section A, Mon. and Wed., 9.10 a.m. Section B, Thurs., 5.10 and 6.10 p.m. Section C, Wed., 5.10 and 6.10 p.m.
Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10 p.m., first term.
- 251-52 *Sales* (2-2) Oppenheim
Williston and McCurdy's Cases, 1932. Section A, Tues. and Wed., 11.10 a.m. Section B, Wed., 5.10 and 6.10 p.m.

- 261-62 *Trusts* (2-2) Moll
 Scott's Cases on Trusts, 2d ed. Section A, Thurs. and Fri.,
 12.10 p.m. Section B, Thurs., 5.10 and 6.10 p.m.
 Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
 p.m., first term.
- 303-4 *Administrative Law* (2-2) Davison
 Frankfurter and Davison's Cases on Administrative Law.
 Section A, Mon. and Fri., 11.10 a.m. Section B, Mon., 5.10
 and 6.10 p.m.
- 311-12 *Business Associations* (2-2) Davison
 Case book to be announced. Section A, Wed. and Thurs.,
 10.10 a.m. Section B, Fri., 5.10 and 6.10 p.m.
 Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
 p.m., second term.
- 315-16 *Conflict of Laws* (2-2) Van Vleck
 Beale's Cases. Section A, Mon. and Tues., 10.10 a.m. Section
 B, Wed., 5.10 and 6.10 p.m.
- 317-18 *Constitutional Law II* (2-2) Collier
 Dodd's Cases on Constitutional Law and supplemental material.
 Section A, Thurs., 11.10 a.m., and Fri., 10.10 a.m. Section B,
 Mon., 5.10 and 6.10 p.m.
- 320 *Creditor's Rights* (2)
 (Not offered in 1935-36.)
- 321-22 *Current Decisions and Legislation* (2-2) Ward
 Required of members of the student editorial board of *The George
 Washington Law Review*. Hours to be arranged.
- 324 *Equity III* (2) Spaulding
 Case book to be announced. Thurs., 5.10 and 6.10 p.m.
 Summer Sessions 1935 (4)—daily except Sat., 5.10 and 6.10
 p.m., second term (Spaulding).
- 326 *Federal Jurisdiction* (2) Davison
 Frankfurter and Katz's Cases on Federal Jurisdiction. Thurs.,
 5.10 and 6.10 p.m.
- 327 *Future Interests* (2) Moll
 Powell's Cases on Future Interests. Tues., 5.10 and 6.10 p.m.
- 328 *Insurance* (2)
 (Not offered in 1935-36.)
- 331 *Labor Law* (2) Spaulding
 Landis' Cases on Labor Law. Wed., 5.10 and 6.10 p.m.

- 333 *Legal Bibliography and Briefmaking* (1) Miller
Mon., 6.10 p.m.
- 335-36 *Moot Court* (2-2) Clephane, Latimer, Cox, Hall
Prerequisite: Law 105-6 and 223-24. Section A, Sat., 9.10 and
10.10 a.m. Section B, Wed., 5.10 and 6.10 p.m.
- 341 *Municipal Corporations* (2) Ward
Tooke's Cases, 2d ed. Fri., 5.10 and 6.10 p.m.
- 343 *Organization of Corporations* (1) Clephane
Conyngton on Corporate Procedure. Mon., 5.10 p.m.
- 345-46 *Patent Law* (2-2) Sutton
Substantive patent law and patent-office practice. Mon., 5.10
and 6.10 p.m.
- 349-50 *Patent Moot Court* (2-2) Hudson
This course may be elected instead of Law 335-36 to satisfy the
Moot Court requirement. Both subjects may not be counted
toward a degree. Wed., 5.10 and 6.10 p.m.
- 356 *Security* (2) Fryer
Hamas' Cases on Security. Wed., 5.10 and 6.10 p.m.
- 359-60 *Taxation* (2-2) Collier
Magill and Maguire's Cases. Fri., 5.10 and 6.10 p.m.
- 365-66 *Trade Regulation* (2-2) Oppenheim
Oppenheim's Cases on Trade Regulation. Tues., 5.10 and 6.10
p.m.
- 401 *Admiralty* (2) Alden
Sayre's Cases on Admiralty. Fri., 5.10 and 6.10 p.m.
- 404 *Government Corporations* (2) Ward
Study of special problems. Fri., 5.10 and 6.10 p.m.
- 405-6 *History of Law* (2-2) Benson
Benson, *History of the English Law Notebook*. Tues., 5.10 and
6.10 p.m.
- 415-16 *International Law* (2-2) Murdock
Hudson's Cases on International Law. Thurs., 5.10 and 6.10 p.m.
- 418 *Interstate Commerce Law* (2) Davison
(Not offered in 1935-36.)
- 420 *Jurisprudence* (2) Moll
Textbook to be announced. Tues., 5.10 and 6.10 p.m.
- 425 *Public Utilities* (2) Davison
Welch, et al., Cases on Public-Utility Regulation. Thurs., 5.10
and 6.10 p.m.

DEGREES CONFERRED

1934-35

BACHELOR OF LAWS

JUNE 6, 1934

Allison, Andrew Vangrol	N C	Evans, William Wilder	Md
Allen, Charles Chapin	D C	A B. 1930, University of Maryland	
Alpher, Robert	D C	Fay, Charles Roszelle	Mass.
B.S. 1930, The George Washington University		Feldstone, Benjamin	D.C.
Andrews, Don Darrell	Iowa	B.S. 1931, The George Washington University	
B.S. 1930, The George Washington University		Fillins, Maurice W.	D C.
Aponte, Eustacio R	P.R.	A.B. 1924, Cornell University	
Brown, Robert Thomas	Mass.	Flores, Karl Wilhelm	Md.
B.S. 1929, Georgetown University		B.Ling. 1930, Johns Hopkins University	Conn.
Brigman, Lawrence W	D.C	Friedman, Maurice	
B.S. 1930, University of Illinois		A.B. 1930, The George Washington University	
Bundy, Emory Edwin	Wash.	Fulbright, James William	Ark.
A.B. 1927, Whitman College		With distinction	
A.M. 1930, The George Washington University		A.B. 1925, University of Arkansas	
Byron, David Wilson	Md	A.M. 1931, Oxford University	
A.B. 1928, Yale University		Garley, Howard Prescott, Jr.	Md.
Cavett, Edric C	Okl.	Gieseler, Harry W. F.	N.J.
Cheselin, James Corbin	N C	M.F. 1929, Drexel Institute	
Christensen, William Julius	Colo.	Gore, Philip Lasser	D.C.
A.B. 1928, A.M. 1929, University of Utah		Greenawalt, Guy Angle	Ill.
Church, Joseph H.	Minn.	B.S. 1928, Carnegie Institute of Technology	
B.S. 1928, Kansas State College		Gulick, Mary Smith	Va.
Coe, Bryan	D C	A.B. 1929, Randolph-Macon Woman's College	
A.B. 1928, The George Washington University		Guthrie, Ross Ritter	Md.
Coffin, Lewis Charles	Me	A.B. 1928, Harvard University	
A.B. 1930, Bowdoin College		Hammett, Clarence Rudolph	Mont.
Coombs, John Wendell	Utah	Harback, William Brecht	D.C.
A.B. 1926, University of Utah		A.B. 1926, The George Washington University	
Couden, Louis Charles	D.C	Harlan, Ashland Fleetwood, Jr.	D.C.
A.B. 1932, The George Washington University		A.B. 1930, The George Washington University	
Cotton, Allen Phares	Ind.	Hefeler, Paul Emile	Mich.
A.B. 1932, Indiana University		A.B. 1926, Dartmouth College	
Cragin, John Wiley	D C	Hickey, Thomas James	Mass.
A.B. 1932, The George Washington University		B.S. 1930, Massachusetts Institute of Technology	
Cutting, Charles Ambrose	Me	Hitch, Robert Angelzola	Ohio
B.S. 1930, University of Maine		B.S. 1929, University of Maryland	
Dell, John Peter, Jr.	Ga	Hosford, Raymond Frederick	D.C.
B.Ph. 1929, Emory University		B.S. 1930, The George Washington University	
Datz, John Edward	D.C	Hudson, Thomas Buford	N.C.
A.B. 1931, The George Washington University		Iverson, Kenneth R.	Utah
Ellson, Emory Edward	W Va	Johnston, Albert Caldwell	Va.
Finster, Alexander Jeremiah	N Y	A.B. 1930, The George Washington University	
F.E. 1925, Rensselaer Polytechnic Institute			

Justus, Chester Leo	Idaho	Parsons, Richard Abner	Va.
B.S. 1928, University of Idaho		B.S. 1930, The George Washington University	Md.
Keiper, Francis Pitman	N.Y.	Peelle, Stanton Canfield, Jr.	D.C.
A.B. 1927, E.E. 1928, Cornell University		(With distinction)	
Kerst, Paul Edward	Ill.	Permut, Jack	D.C.
Graduate 1928, U.S. Naval Academy		A.B. 1931, The George Washington University	D.C.
Knosher, Vernon William	Wash.	Pickens, Madison Dallas	Oreg.
Knudson, James Kaiser	Utah	Pillars, Miles Dorwin	D.C.
A.B. 1914, The George Washington University		B.S. 1928, Oregon State College	D.C.
Koiner, David Randolph	D.C.	Prangley, Curtis Frederick	
Lenny, Lewis James	Mass.	B.S. 1910, The George Washington University	Ohio
B.S. 1921, Worcester Polytechnic Institute		Quale, Franklin Edward	D.C.
Leonnig, Leo John	N.Y.	B.S. 1930, University of Michigan	
B.S. 1926, Oregon State College		Rathbun, Mark Hudson	D.C.
Mallev, John Wallace	W.Va.	(With distinction)	
Graduate 1927, U.S. Naval Academy		B.S. 1929, University of Colorado	D.C.
Marano, Frank Peter	N.J.	Richards, James Walsh	Utah
A.B. 1912, The George Washington University		Romney, Blaine Taylor	Ind.
Martin, Harold Alton	Wash.	Ronald, James Hall	
Matteson, Frederick Lewis, Jr.	Ind.	A.B. 1929, Earlham College	Minn.
B.S. 1925, Rose Polytechnic Institute		Ronning, Henry Leigh	Mich.
McCandlish, Robert John, Jr.	Va.	Ross, Stanley Edward	D.C.
A.B. 1930, University of Maryland		B.S. 1926, Michigan State College	D.C.
McClellan, Sidney	Idaho	Saltzman, Frank Reno	Pa.
A.B. 1927, University of Idaho		Schmelzer, Andrew Hubert	
McKnight, Charles Maurice	Okla.	(With distinction)	
B.S. 1927, Purdue University		A.B. 1928, University of Pittsburgh	D.C.
Milans, Robert Southland	D.C.	Schofield, William Wilcox	D.C.
(With distinction)		Sharp, Freeman Wilfred, Jr.	
F.E. 1920, Cornell University		A.B. 1931, The George Washington University	D.C.
Miller, Bennett Goodyear	Pa.	Sheldon, Alice Colbert	
Mitch, Valentine Jones	Ind.	A.B. 1926, The George Washington University	Mo.
B.S. 1928, Rose Polytechnic Institute		Shelton, Frederic DeWitt	Okla.
Morrison, John	Mass.	A.B. 1916, Drury College	
B.M.E. 1928, Northeastern University		Simmon, F. Glenn	
Mulford, Kenneth Eugene	Md.	B.S. 1927, Oklahoma Agricultural and Mechanical College	D.C.
B.S. 1929, The George Washington University		Simpson, Joseph Bernard, Jr.	Mass.
Mullin, James Palmer	Ind.	Smethurst, Raymond Stevens	Calif.
B.S. 1920, University of Illinois		B.S. 1930, Harvard College	
A.M. 1910, Syracuse University	Me.	Spasoff, John	
Murphy, Maxwell Kerr		B.S. 1920, The George Washington University	D.C.
B.S. 1930, University of Maine	D.C.	Spielman, William Paul	
Muth, George Edward		A.B. 1931, The George Washington University	Idaho
A.B. 1911, The George Washington University		Sreele, John Winton	D.C.
Neff, John McCulloch, Jr.	Nebr.	Stephens, Francis Devereaux	
A.B. 1920, Nebraska Wesleyan University		B.S. 1910, University of Maryland	Minn.
Nelson, Melville Cary	N.C.	Stone, Franklin Martin	Ind.
B.S. 1912, The George Washington University		Scutes, Harold Leland	
Newton, Gaylord Weld	N.Y.	B.S. 1930, Purdue University	N.J.
B.S. 1920, New York University		Truesdell, Henry Palmer	
Nichols, Louis Burrous	Mich.	C.E. 1930, Cornell University	Ind.
O'Malley, Thomas Richard	Ill.	Vendel, John Robert	
B.S. 1910, Armour Institute of Technology		B.S. 1929, Rose Polytechnic Institute	
Osborne, John Broadus	S.C.		
A.B. 1916, Furman University			

The Law School

27

Vibber, Alfred Wheeler B.S. 1930, Worcester Polytechnic Institute	Mass.	Williams, Frank Latom A.B. 1924, Mississippi College A.M. 1928, University of North Carolina	Miss.
Walck, Earl Clifford A.B. 1932, The George Washington University	Pa.	Wilson, John Louis B.S. 1926, Alabama Polytechnic Institute	Ala.
Werlich, Edgar Julius M.E. 1930, Cornell University	D.C.	Wolfe, Richard Russell (With distinction) B.S. 1926, M.S. 1930, Massachusetts Institute of Technology	Kans.
West, Charles Whitney Graduate 1920, U.S. Military Academy	Miss.	Yaffee, Anne Rosenthal A.B. 1931, The George Washington University	Va.
Wheaton, Clare Alan White, Dean Warner A.B. 1931, Allegheny College	Mich. N.Y.	Young, John Arthur E.E. 1928, Rensselaer Polytechnic Institute	N.Y.
White, Grace A. A.B. 1932, The George Washington University	Ohio		

OCTOBER 17, 1934

Aiken, Paul Case A.B. 1926, University of Kansas	Kans.	Haslap, Lemuel Allen B.S. 1918, University of Maryland	Md.
Alpher, Solomon A.B. 1932, The George Washington University	D.C.	Hughes, Joe D. B.S. 1930, Alabama Polytechnic Institute	Ala.
Ben, Joseph David B.S. in M.E. 1930, The George Washington University	D.C.	Kamm, Edmund William Emil B.S. in M.E. 1930, Purdue University	Ind.
Blossom, Robert Vaughan Candland, Harold Arthur Cohn, Benjamin Emanuel B.S. 1918, University of Illinois	N.Y. Utah Ill.	Lateembe, John Ray Potter, William Bracken A.B. 1921, Indiana University	Va. Ind.
Cook, Dorothy Williamson A.B. 1931, Goucher College	D.C.	Schmitz, Paul Joseph B.S. in M.E. 1926, Purdue University	Wis.
Flier, Laurence Victor B.S. in M.E. 1928, Armour Institute of Technology	Ill.	Shumaker, Loch B.S. 1932, University of Illinois	Ill.
Elliot, William Emmett B.S. in E.E. 1930, Georgia Institute of Technology	Ga.	Silverman, Robert Israel A.B. 1931, The George Washington University	D.C.
Fish, Harry Seymour	Kans.	Snider, Henry Sol Swanson, Harold Axel B.Ch.E. 1932, Northeastern University	D.C. Mass. Pa.
		Waldman, Jacob A.B. 1929, University of Pennsylvania	

FEBRUARY 22, 1935

Allen, Grandison Greer A.B. 1930, Vanderbilt University	Ky.	Lund, Earl Eldreth B.S. in C.E. 1922, C.E. 1923, University of Minnesota	Minn.
Churchill, William Philip B.S. in Ch.E. 1930, University of Maine	D.C.	Mason, Richard Dean B.S. in E.E. 1923, A.B. 1931, E.E. 1932, University of Oklahoma	Okla.
Clark, Douglas Alonzo A.B. 1930, Hampden-Sydney College	Va.	MS in E.E. 1931, Massachusetts Institute of Technology	
Epaminondas, John G. Gertler, Louis A.B. 1934, The George Washington University	N.J. D.C.	Maxberry, Bernard Cornelius A.B. 1930, University of Illinois	Ill.
Gray, Walter Thomas Kerachy, Howard, III Kest, William Ward A.B. 1928, Ohio Wesleyan University	D.C. Neb. Ohio	Maxey, Harry Ripley (With distinction) B.S. 1928, University of Maine	Me.
Kriegel, Bernard B.Eng. 1929, Johns Hopkins University	N.Y.	Paulson, Lynn Clifford A.B. 1931, The George Washington University	N.Dak.

Porter, George Wilbur
A.B. 1910, Dartmouth College
Sweeny, Charles Amos
Tomlin, Carl William
B.S. in Eng. 1932, The George
Washington University

D.C. Vaughan, Thomas Rae
Ward, Chester Charles
Ohio (With distinction)
Mo. B.S. 1931, Georgetown University
Williams, Robert Manning

Ark.
D.C.

Okla.

MASTER OF LAWS

JUNE 6, 1934

Boyer, James Barnes
B.S. 1928, Pennsylvania State
College
LL.B. 1932, The George Washington
University
Crouter, Earl Clinton
A.B. 1928, LL.B. 1930, The George
Washington University
Guild, June Purcell
LL.B. 1910, Ohio State University
Monk, George Edward
A.B. 1928, LL.B. 1930, The George
Washington University

Pa. Roberts, Ralph Standish
LL.B. 1933, The George Washington
University
Stoner, George B.
A.B. 1927, LL.B. 1928, Yale University
Wyo. A.M. 1933, The George Washington
University
Wright, James Warren
Va. A.B. 1922, Ohio Wesleyan University
A.M. 1923, Ohio State University
D.C. LL.B. 1933, The George Washington
University

Utah

Va.

D.C.

OCTOBER 17, 1934

Kentley, George Harold
Ph.B. 1927, Dickinson College

Pa. LL.B. 1933, The George Washington
University

STUDENTS REGISTERED

1934-35

The names of all students registered in the Law School during the academic year 1934-35 are listed below in alphabetical order. Roman numerals indicate the year of the course in which the student is registered.

Students who withdrew at the close of the first semester by graduation are indicated by an asterisk (*); others who were registered for the first semester only are indicated by a dagger (†); students registered for the second semester only are indicated by a double dagger (‡).

Abbott, Edward Edison (Law III)	Mass.	Armstrong, William R. (Law I)	Md.
A.B. 1929, Dartmouth College		Arnold, Philip (Law III)	D.C.
Ableman, Percival Joseph (Law I)	Del.	B.S. 1933, The George Washington University	
A.B. 1934, University of Delaware		Arps, Harold Frederick (Law III)	D.C.
Adams, Lois Marjorie (Law I)	Pa.	A.B. 1932, The George Washington University	
Agar, Howard C. (Law I)	Mont.	Ash, A. Russell (Law I)	Okla.
A.B. 1933, University of Montana		A.B. 1934, William Jewell College	
Aiken, Paul Case (Law, LL.M.)	Kans.	†Ashcraft, John Bulla (Law I)	N.C.
A.B. 1929, University of Kansas		B.S. 1931, University of North Carolina	
LL.B. 1934, The George Washington University		Ashe, Milton (Law I)	N.Dak.
†Aiken, William Mathew (Law, LL.M.)	Iowa	Aston, Clyde Weldon (Law III)	Tex.
A.B. 1931, Simpson College		A.B. 1931, Austin College	
J.D. 1933, State University of Iowa	Oreg.	†Aren, Ralph P. (Law II)	D.C.
Atchison, Bruce (Law, LL.M.)		A.B. 1924, The George Washington University	
LL.B. 1933, The George Washington University	D.C.	†Atkinson, Charles P. (Law I)	Tex.
Albert, Irvin Robert (Law I)	Calif.		
Alexander, Theodore Mack (Law I)	Panama	Baslev, James, Jr. (Law II)	Tenn.
†Alfaro, Eduardo (Law I)	Okla.	Bard, Douglas Otis (Law II)	N.Y.
Alford, Leonard B. (Law I)	Va.	B.S. 1930, Alabama Polytechnic Institute	
A.B. 1933, University of Oklahoma	Kv.	Baker, John Walton (Law I)	Mich.
†Alford, Robert Hicks (Law I)		Baker, Wilma E. (Law II)	N.Dak.
*Allen, Grandison Greer (Law III)	Okla.	Ballard, Victor Herbert (Law I)	Ala.
A.B. 1930, Vanderbilt University	N.Y.	Banks, Elizabeth Anna (Law I)	Conn.
Allen, Walton Stanley (Law I)	D.C.	A.B. 1932, The George Washington University	
Alm, Carlton F. (Law II)		Banks, Wythe Coleman (Law III)	D.C.
†Alpher, Robert Jerome (Law II)	Iowa	A.B. 1929, University of Alabama	
B.S. in C.E. 1931, The George Washington University	S.C.	Bannerman, Gracie Campbell (Law II)	D.C.
Amick, Kenneth Dean (Law I)	Va.	B.S. 1931, Hamilton College	
Anderson, Anne Johnston (Law I)	Ark.	Baptiste, Thomas Goode (Law I)	Va.
A.B. 1934, Winthrop College		Burger, Alphonso S. (Law I)	Ala.
Anderson, Bowman Cowne (Law II)	Utah	B.S. 1932, Howard College	
Anderson, Edward McMahon (Law II)	D.C.	Barker, Clifford Oman (Law III)	R.I.
A.B. 1932, University of Arkansas	N.Y.	Barlow, Homer Joel M. (Law III)	Mich.
Anderson, Garfield O. (Law I)	Tex.	A.B. 1929, Alma College	
A.B. 1934, University of Utah		Barnes, Samuel Innes (Law I)	Va.
Annall, Samuel Tilden, Jr. (Law II)		A.B. 1934, Duke University	
Anthony, Ruth Isabelle (Law I)		Barson, Blayney Jones (Law I)	Utah
A.B. 1928, Wilson College		Bassing, Milton Leonard (Law II)	R.I.
Archer, James Edwin (Law I)		Bassler, Anna Bowden (Law I)	D.C.
B.S. in C.E. 1932, Rice Institute			
M.S. in Ch.E. 1934, Massachusetts Institute of Technology	N.Mex.	A.B. 1924, A.M. 1930, The George Washington University	
Arledge, Richard F. (Law I)			
A.B. 1930, University of New Mexico			

Bateman, Roy Danby (Law III)	Va.	Borisow, Rosalie (Law III)	D.C.
B.S. in Eng. 1912, The George Washington University		A.B. 1911, The George Washington University	
Bates, George Newcomb (Law III)	D.C.	Borsari, George Robert (Law I)	Mass.
A.B. 1917, Williams College		A.B. 1914, American University	
Beall, John Rogers (Law I)	D.C.	†Bounds, Roger Jackson (Law I)	Md.
B.S. 1912, University of Maryland		A.B. 1924, Washington College	
Beadley, Delmar Otis (Law II)	Miss.	Bowers, Chester Gaver (Law I)	Md.
A.B. 1914, The George Washington University		A.B. 1912, American University	Mo.
Behrend, Amy Nordlinger (Law I)	D.C.	Bowers, Walter A. (Law II)	
A.B. 1913, Goucher College		Ph.B. 1920, University of Chicago	D.C.
Bell, John O. (Law I)	Va.	Bowes, Theodora L. (Law I)	
B.S. 1914, The George Washington University		B.S. in E.E. 1910, University of Illinois	Pa.
Belser, William Gordon, Jr. (Law I)	S.C.	Bowman, John Lutz (Law I)	
A.B. 1912, The Citadel		A.B. 1927, Franklin and Marshall College	D.C.
A.M. 1913, University of South Carolina		Boyd, Samuel (Law III)	D.C.
Bennett, Lemuel George (Law II)	S.C.	Boyer, Evelyn F. (Law I)	
A.B. 1912, University of South Carolina		A.B. 1912, The George Washington University	D.C.
†Bennett, Clarence Henry (Law II)	Md.	†Boyle, M. Marian (Law I)	
A.B. 1918, Western Maryland College		A.B. 1911, The George Washington University	Pa.
Bennett, Lorenzo Thompson (Law II)	Mich.	Bracken, John P. (Law I)	
†Benson, Daniel C. (Law I)	Utah	A.B. 1934, University of Pittsburgh	S.C.
B.S. 1911, University of Utah		†Bradford, James William, Jr. (Law I)	D.C.
Benson, Morris (Law I)	D.C.	†Bradford, Lowell Joseph (Law II)	N.Y.
Bentley, Oscar Marbury (Law I)	D.C.	†Brannard, Richard R. (Law I)	
B.S. 1912, Howard College		E.E. 1912, Cornell University	Ark.
Bergstrom, Kenneth (Law I)	Minn.	Brannan, Virginia Mae (Law I)	
A.B. 1912, Gustavus Adolphus College		A.B. 1926, Ouachita College	N.Y.
Berry, Kenneth Earl (Law I)	Ill.	Brauner, John J. (Law III)	
Bertolot, Samuel Luther (Law I)	N.J.	B.F.S. 1926, Georgetown University	S.C.
A.B. 1911, Muhlenberg College		†Brawley, Jeter B. (Law I)	
Betts, David Jude (Law III)	D.C.	A.B. 1911, Duke University	D.C.
A.B. 1911, Norwich University		Breazles, James Mages (Law II)	
Biddle, Gordon Cook (Law III)	N.J.	B.S. in M.E. 1911, The George Washington University	Ill.
B.S. in Eng. 1911, Princeton University		†Brennan, Betty Mary (Law I)	
Biggs, Paul Robert (Law I)	Oreg.	A.B. 1929, University of Illinois	Ark.
Bischoff, John Lawrence (Law III)	D.C.	†Bridewell, David Alexander (Law I)	
A.B. 1911, University of Maryland		A.B. 1930, University of the South	Calif.
Bishop, Clair Rivers (Law I)	Nebr.	A.M. 1931, Princeton University	
†Blackburn, H. Lee (Law I)	Ky.	Briggs, Reid Richmond (Law I)	Nebr.
A.B. 1912, University of Missouri		A.B. 1912, Stanford University	
Blackburn, James William (Law I)	Ky.	Brightbrook, John Wooster (Law I)	
Blaine, James William (Law I)	Idaho	B.S. in M.E. 1911, The George Washington University	D.C.
Blacklock, Samuel Gordon (Law I)	Fla.	Bull, Lewis A. (Law I)	Ill.
†Black, Raphael Herman (Law I)	Ark.	Burns, Paul C. (Law III)	
Ph.B. 1911, University of Chicago		A.B. 1931, University of Illinois	D.C.
Blum, Irwin Ellis (Law I)	N.Y.	Brumagh, Frank Harwood (Law III)	
B.S. 1911, Brooklyn College		B.S. in A.E. 1911, The George Washington University	Va.
Bobskill, Stanley Wallace (Law II)	D.C.	Brooke, Richard Norris (Law I)	Iowa
A.B. 1911, The George Washington University		Brookhart, Edith Alma (Law I)	
Bodony, Anna M. (Law III)	Ill.	A.B. 1911, The George Washington University	D.C.
Bosch, Paul Raymond, Jr. (Law I)	D.C.	Brooks, Carolyn (Law II)	Mont.
Bales, Morris V. (Law I)	Okl.	†Brooks, J. Howard (Law II)	Md.
Boumer, Walter (Law I)	D.C.	A.B. 1930, Oberlin College	
B.S. 1912, University of Maryland		Brooks, Ruth Curry (Law I)	
Booth, Sherwood Kenneth (Law II)	Pa.		
A.B. 1912, Pennsylvania State College			

Brower, Edgar Jay (Law III) A.B. 1933, The George Washington University	Iowa	Cavanaugh, David Thomas (Law I) A.B. 1929, Creighton University	Iowa
Brown, Francis Ray (Law I)	Ariz.	Chesnut, Charles Caldwell (Law II) A.B. 1934, The George Washington University	Okla.
Brown, Harold David (Law I)	Ill.	Christie, Edith F. (Law I)	D.C.
Brown, Neil S. (Law I)	Tenn.	Christofferson, Wayne L. (Law I)	Utah
Brown, Robert W. (Law II) A.B. 1931, State University of Iowa	Iowa	Christopher, C. Burr (Law II)	D.C.
Browne, William Lytle (Law I) B Jour. 1931, University of Missouri	Md.	*Churchill, William Philip (Law III) B.S. in Ch.E. 1930, University of Maine	Me.
Brunt, Alfred William (Law I)	Idaho	Clagett, B. Manning (Law I)	Calif.
Bryan, Nelson O'Neal (Law I) A.B. 1932, Duke University	S.C.	*Clark, Douglas Alvin (Law III) A.B. 1926, Hampden-Sydney College	Va.
Bryan, Frank Bruce (Law II)	Va.	Clark, Hugh Kemp (Law II) B.S. 1931, The George Washington University	Va.
Bryan, Herbert K. (Law I) B.S. 1929, Colby College	Me.	Clark, Margaret Ruth (Law. Und.) A.B. 1924, A.M. 1928, University of California	D.C.
*Buck, Maynard Ramsey (Law I)	Tex.	Clarke, Harriet Brookfield (Law I) A.B. 1911, Wellesley College	D.C.
Buckhout, Elmer A. (Law I) B.S. 1931, Oregon State College	Oreg.	Clay, Henry Scott, Jr. (Law III) Clay, Oliver Burton (Law I) A.B. 1922, University of Utah	Va. Utah
Buckley, Carter W. (Law II)	Va.	Clement, Asmin Gerard (Law III) Cleveland, Ruth E. (Law I)	Mass. Mo.
Buckley, Richard Randolph (Law II)	Va.	Chothner, Kenneth George (Law I) A.B. 1931, St. Viator College	Ill.
Buddeke, Richard Anthony (Law I)	Ohio	Chislow, Ernest Edward, Jr. (Law I)	Okla.
Bullion, Leroy DeWolfe (Law II) B.S. in Eng. 1931, The George Washington University	Md.	Cobb, Jerome Francis (Law II)	N.Y.
Burrows, Charles Robert (Law I) A.B. 1931, Oberlin College	Ohio	Coble, Eugene J. (Law II) A.B. 1934, The George Washington University	Kans.
M.S. 1932, New York University	Urah	Cochran, Thomas Crider (Law III) B.S. 1911, Yale University	Ky. Ill.
*Burr, Sherman E. (Law I) B.S. 1932, University of Utah	D.C.	Cockrum, Henry A. (Law II) A.B. 1934, The George Washington University	Ohio
Bush, Floyd Woodhall (Law I)	D.C.	Coffin, Bart B. (Law III) Ph.B. 1932, Kenyon College	D.C.
Butz, H. Paul (Law I) A.B. 1932, University of Maryland	D.C.	*Collman, Rawlins (Law I) A.B. 1933, Duke University	D.C.
Byrne, Paul P. (Law I) Ph.B. 1932, Georgetown University	Pa.	Cohen, Joseph (Law II) Columbough, Oswald S. (Law III) Graduate 1926, U.S. Naval Academy	Pa. Miss. Colo.
Caldwell, Kenneth Carlton (Law II) Graduate 1926, U.S. Naval Academy	D.C.	*Coleman, James Plenson (Law I) Collins, Ernest H., Jr. (Law I) B.S. 1932, University of Colorado M.B.A. 1934, Harvard University	D.C. Va. D.C. Calif.
Call, Edmund Rust (Law I)	Kans.	Collins, Fred van Verson (Law I)	D.C.
Call, Theda Frances (Law III) A.B. 1930, Washburn College	D.C.	Compton, Charles Lewis (Law II)	D.C.
*Callahan, Arthur Aloysius (Law II) B.S. 1926, St. John's College	Md.	Cooksey, John G. (Law II)	Calif.
Cameron, Ward M. (Law I)	Utah	Cooklin, George William (Law I) A.B. 1931, Dartmouth College B.Arch. 1934, University of Pennsylvania	Colo.
Campbell, Howard Williams (Law I) B.S. 1934, University of Illinois	Ill.	*Conley, Jack Edward (Law I) A.B. 1934, Colorado College	Mass.
Campbell, James Harchalder (Law II) A.B. 1933, Dartmouth College	Vt.	*Conlon, Charles F., Jr. (Law I)	Tex.
Cannon I. Quinn (Law II) A.B. 1931, University of Utah	Urah	*Conner, John Davis (Law I) A.B. 1933, Baylor University	
Cannon, Warren H. (Law III) A.B. 1929, University of Utah	D.C.		
Carmack, Louis G., Jr. (Law III) A.B. 1931, Oberlin College	D.C.		
Carpenter, Homer Sney (Law I) A.B. 1931, Oberlin College	Ohio		
Carr, Richard James (Law I)	D.C.		
Carr, George Davis (Law I) B.S. 1932, University of Pennsylvania	Ala.		
Cash, James Braxton (Law I) Graduate 1926, U.S. Naval Academy	Va.		
Castleman, David R., Jr. (Law III) A.B. 1932, Dartmouth College	Ky.		

†Connerat, George Hillyer (Law I)	Ga.	Davis, Jack Clemens (Law I)	D.C.
A.B. 1932, University of Georgia		Davis, Thomas Joel (Law II)	Ga.
M.B.A. 1934, Harvard University		Davis, Thomas McCormick (Law I)	Ky.
†Connerat, Robert Vincent (Law I)	Ga.	B.S. in E.E. 1929, University of Louisville	
A.B. 1931, University of Georgia	D.C.	M.S. in E.E. 1931, Yale University	Mo.
Connors, Joseph A., Jr. (Law II)	Ga.	Dawson, Donald S. (Law I)	
Cook, Coleman Pickett (Law I)	Md.	A.B. 1930, University of Missouri	Ill.
Cook, Elizabeth Iddings (Law, Spec.)	Nebr.	Dean, Kenneth (Law I)	
Cook, Millard James (Law I)	Pa.	B.S. 1929, University of Illinois	Tet.
†Cooper, Walter Trexler (Law I)	Mich.	Debusk, Manuel C. (Law I)	
Corwin, Harold B. (Law III)	R.I.	A.B. 1933, Texas Technological College	N.I.
†Costello, Cyril Anthony (Law I)		DeFelice, Anthony Richard (Law I)	
A.B. 1927, Providence College	D.C.	A.B. 1932, Wesleyan College	D.C.
A.M. 1929, Notre Dame University	D.C.	deHaas, Miriam M. (Law II)	
Coulston, Clemency King (Law III)		A.B. 1932, The George Washington University	D.C.
Covington, Halstead Shaw (Law I)	Ill.	deMoll, Theodore O. (Law III)	
Graduate 1922, U.S. Naval Academy		A.B. 1932, The George Washington University	Del.
†Cowgill, Harold Guy (Law III)	Ky.	Dence, Walter Edward (Law I)	
A.B. 1933, The George Washington University	Tenn.	A.B. 1932, University of Toledo	Md.
†Cox, Charles Marshall (Law I)	Miss.	DeVeau, Joseph Harold (Law I)	
Cox, Robert A. (Law II)		B.S. 1931, University of Pennsylvania	N.Y.
A.B. 1931, University of Tennessee	Mont.	Diamond, Harold Henry (Law I)	
Craig, Torrey A. (Law I)		B.B.A. 1938, Boston University	Pa.
A.B. 1931, University of Mississippi	Utah	Dibble, Lawrence Donald (Law II)	
†Crawford, William W. (Law I)	D.C.	B.S. 1928, Dickinson College	Pa.
A.B. 1931, University of Montana		Duckerman, Carroll Hilliard (Law I)	
Creer, Thomas Donald (Law II)	D.C.	A.B. 1931, Pennsylvania State College	Md.
A.B. 1925, University of Utah		Duckson, Elizabeth Loree (Law II)	
Creyke, Geoffrey, Jr. (Law III)	D.C.	B.S. 1924, Wilson College	Mont.
A.B. 1932, The George Washington University	Pa.	†Dierberger, Wesley Arthur (Law I)	
Cronmiller, LePage, Jr. (Law I)		B.B.A. 1933, University of Washington	Conn.
B.S. 1924, St. John's College	Mo.	†Dillon, John Holiday (Law I)	
Crossetto, Vena Mary (Law III)		A.B. 1931, Yale University	Okl.
A.B. 1933, The George Washington University		Disney, Stanley E. (Law II)	Kant.
Cross, Laura Elizabeth (Law I)		Doane, Vernon Harden (Law I)	Ill.
A.B. 1923, Lindenwood College	D.C.	Dobbins, Donald Vernam (Law I)	
Lit.B. 1925, Columbia University	Utah	Dodd, Halbert William (Law II)	
Crouch, Edward Calhoun (Law I)		B.S. 1930, Northwestern University	Tenn.
†Crozier, Gordon W. (Law I)	D.C.	Dodson, Harry Douglas (Law I)	Tet.
A.B. 1933, University of Utah	D.C.	Doering, Carroll Johnson (Law III)	
Culler, John Lester (Law III)		A.B. 1932, The George Washington University	D.C.
Cupples, Homer L. (Law I)	Idaho	Dondero, Joseph George (Law III)	
B.Ch.E. 1921, Ph.D. 1924, Ohio State University	N.C.	A.B. 1931, The George Washington University	Ala.
Currie, Daniel, Jr. (Law II)		†Donoho, Donovan Haskell (Law I)	Tet.
Currie, Daniel Allan (Law II)	Md.	†Dooce, Christopher Alfred (Law I)	
B.S. 1928, Davidson College		B.S. 1934, The George Washington University	Wash.
Curry, John Edward (Law III)	Utah	Dootson, John Todd (Law I)	Tet.
Graduate 1923, U.S. Naval Academy		Dotson, William Robert (Law, LL.M.)	
Dalby, Dent D. (Law I)	D.C.	A.B. 1934, LL.B. 1936, Baylor University	Colo.
A.B. 1933, University of Utah	D.C.	Doyle, William Edward (Law I)	Utah
Danielson, Emma Louise (Law I)	D.C.	†Draper, Courtney R. (Law I)	Kant.
A.B. 1934, Mt. Holyoke College		Dreiling, Edwin John (Law I)	
Danzansky, Joseph Baer (Law I)		A.B. 1932, Fort Hays, Kansas, State College	
Davis, Cresson Orion (Law II)			
A.B. 1931, The George Washington University			
†Davis, David McClure (Law I)			
B.S. in E.E. 1931, Princeton University			

Drury, J. Burke (Law I)			
A.B. 1914, The George Washington University	Va.	Falkoff, Milton (Law I)	Ill.
Duckworth, Raymond Francis (Law II)	D.C.	†Farnold, William (Law I)	D.C.
Duggan, Helen (Law I)	Conn.	†Farley, Thain L. (Law I)	Ind.
A.B. 1910, Smith College		A.B. 1923, University of Michigan	
A.M. 1914, Columbia University		Feass, Edwin Otis (Law I)	Pa.
Dumas, Alfred James (Law I)	W.Va.	B.S. 1914, State Teachers College, Staunton, Pa.	
Dusham, Richard Claiborne (Law I)	D.C.	Feldtessen, Howard Clinton (Law II)	Colo.
Durham, Tom Austin (Law I)	Wash.	A.B. 1928, University of Colorado	
Dwyer, Edward James (Law I)	D.C.	†Felsel, Adolph H. (Law I)	Ohio
A.B. 1930, St. John's College		B.S. 1932, Massachusetts Institute of Technology	
M.M.E. 1913, Johns Hopkins University		Fennell, Fred F. (Law I)	Tenn.
Dyer, Edward Colston (Law I)	Md.	A.B. 1932, Lincoln Memorial University	
Graduate 1929, U.S. Naval Academy		†Ferebauer, Jack A. (Law II)	Idaho
Dyer, William W., Jr. (Law III)	D.C.	†Ferguson, Thomas S. (Law, LL.M.)	D.C.
Earl, Rulon A. (Law I)	Nev.	L.B. 1914, Georgetown University	
Earle, J. Richard (Law III)	D.C.	Fisher, Wheeler Yale (Law III)	D.C.
Eastwood, Oliver P., Jr. (Law I)	N.Mex.	A.B. 1912, American University	
A.B. 1933, University of Denver		Fisher, William Alfred (Law III)	D.C.
Faton, Blaine Haskin (Law I)	Miss.	A.B. 1927, University of Maryland	
Eckman, Howard P. (Law I)	Iowa	A.M. 1930, The George Washington University	
A.B. 1932, The George Washington University		Fleming, C. Hall (Law I)	Ill.
Edberg, Howard O. (Law II)	Nebr.	Flournoy, Copley Winslow (Law II)	Ga.
A.B. 1932, University of Nebraska		Foster, Edward Brinker (Law III)	Pa.
Edwards, Ivan Reo (Law III)	Tex.	A.B. 1931, University of Pittsburgh	
B.S. in M.E. 1929, University of Texas		Foote, Frank F. (Law I)	D.C.
Edwards, James Edwin (Law I)	D.C.	B.S. 1932, Carnegie Institute of Technology	
Egliert, Millan Ludmll (Law I)	Me.	Ford, Charles N. (Law III)	W.Va.
A.B. 1910, Colby College		A.B. 1910, Marshall College	
Elder, Robert N. (Law I)	Idaho	Foster, Bernard A., Jr. (Law I)	S.C.
Elder, Walter E. (Law I)	Kans.	A.B. 1911, Wofford College	
A.B. 1914, University of Kansas		Foster, John Barr (Law I)	Ill.
Elgin, Arthur Carpenter (Law III)	Md.	Fowler, Greenville L. (Law II)	D.C.
A.B. 1928, St. John's College		A.B. 1913, The George Washington University	
Ellis, Arthur William (Law I)	D.C.	Foxley, Edward G. (Law I)	Utah
B.S. 1924, University of California		B.S. 1927, Utah State Agricultural College	
Fishery, Ernest Lyle (Law III)	N.Dak.	France, Floyd L. (Law, LL.M.)	Nebr.
Fly, Albert Love, Jr. (Law I)	Ohio	L.L.B. 1914, The George Washington University	
M.E. 1913, Cornell University		Fredericks, Anthony T. (Law I)	Idaho
Temple, Sol H. (Law I)	D.C.	Free, Harold G. (Law II)	Iowa
B.S. 1926, Northwestern University		B.S. in M.E. 1912, The George Washington University	
Enders, Mary Phelps (Law II)	Mich.	†Friedemann, William G. (Law I)	D.C.
A.B. 1927, Cornell University		B.S. 1931, M.S. 1932, Oklahoma Agricultural and Mechanical College	
Engquist, Ernest John (Law, Und.)	Ill.	Friedenson, Julius (Law II)	Conn.
A.M. 1910, Lawrence College		Ph.B. 1910, Yale University	
Epaminonda, John G. (Law III)	N.I.	Fulfer, Dorothy (Law I)	Ark.
Epstein, George M. (Law I)	Wis.	A.B. 1911, Wofford College	
A.B. 1932, University of Wisconsin		Funder, Sheldon Foster (Law I)	Iowa
Erickson, Mary Elizabeth (Law III)	Wash.	B.S. 1926, M.S. 1931, Iowa State College of Agriculture and Mechanical Arts	
Felix, Muriel (Law III)	S.C.	Futtlow, Howell Harman (Law I)	La.
B.S. 1912, College of Charleston	Colo.	A.B. 1934, Centenary College	
Evans, John Martin (Law I)	D.C.		
B.S. in F.E. 1933, University of Colorado	D.C.		
Fang, Lowell Howe (Law I)			
Fang, Phyllis Leola (Law I)			
Ferguson, Bernard Melvin (Law III)			

Galloway, James Henry (Law I) B.S. 1933, University of South Carolina	S.C.	Haines, Howard K. (Law I) B.S. 1933, North Texas State Teachers College	Tex.
†Galloway, Robert E. (Law I) B.S. 1933, The George Washington University	Mo.	†Hale, E. William, Jr. (Law I) A.B. 1931, Washington and Lee University	Tenn.
Galloway, William F. (Law I)	Idaho	Haley, James William (Law II)	Va.
Gammons, Robert Trafton (Law I) B.S. 1933, Massachusetts Institute of Technology	Mass.	Hall, Robert Edward Lee (Law II) A.B. 1932, The George Washington University	Md.
Gann, Mahlon James (Law I) B.S. 1933, St. John's University, Minn.	S.Dak.	†Hallam, Henry Charles, Jr. (Law I) †Hamer, Edward Ryan (Law I) A.B. in Ed. 1931, University of North Carolina	D.C. S.C.
Gecenok, Ruth (Law I)	N.I.	Hamilton, Howard (Law I)	W.Va.
George, Paul Eugene (Law I)	Ind.	Hanback, William Brecht (Law. Uncl.) A.B. 1932, LL.B. 1934, The George Washington University	D.C.
*Gertler, Louis (Law III) A.B. 1934, The George Washington University	D.C.	Hancock, William Owen, Jr. (Law I) Handloff, Alvin (Law I)	D.C. Del.
Getz, Howard F. (Law I) B.S. 1930, Syracuse University	Pa.	A.B. 1934, University of Delaware	Del.
Gibson, George Edward (Law I) A.B. 1934, University of Oklahoma	Okla.	Handloff, Herman (Law III) A.B. 1932, University of Delaware	D.C.
Gilbreath, Mahlon William, Jr. (Law I)	Ind.	Hanley, John Alexander (Law I) A.B. 1934, Washington and Lee University	Minn.
†Gill, Joseph Norman (Law I) A.B. 1933, University of New Mexico	N.Mex.	Hardiman, Ralph S. (Law II) A.B. 1931, University of Minnesota	Utah
†Gillard, Joseph Rogers, Jr. (Law I) A.B. 1935, University of Michigan	D.C.	Hardy, Glen Ewing (Law III) A.B. 1930, University of Utah	Utah
Given, Ralph, Jr. (Law I)	D.C.	Hardy, Karl John (Law, LL.M.) A.B. 1928, University of Utah	
Gleim, Irvin V. (Law I) B.S. 1934, University of Dayton	Ohio	LL.B. 1931, The George Washington University	
Goldsby, Theodore D. (Law I)	Ark.	Hardy, Leonard Daniel (Law I) A.B. 1928, University of Mississippi	Miss.
Goodman, Robert (Law I) A.B. 1932, University of Wisconsin	Wis.	Hartington, Cecile B. (Law, Uncl.) A.B. 1932, The George Washington University	D.C.
†Goodnow, Wilbur Emerson (Law I) A.B. 1933, University of Colorado	Colo.	Harris, Ernest Malone, Jr. (Law II) A.B. 1931, Wake Forest College	S.C.
Gordon, Robert Eugene (Law I) A.B. 1930, Trinity University	Wis.	Harris, John Ashton (Law I) A.B. 1934, University of Richmond	Va.
Gore, Harold Olen (Law II)	N.Mex.	Harris, John Law (Law III) †Harris, William I. (Law I)	D.C.
Grasoloph, William Franck, Jr. (Law III)	Ohio	A.B. 1933, University of California	S.C.
Granberry, Billy B. (Law III)	Miss.	Harrison, William Wirt, Jr. (Law II) A.B. 1930, Davidson College	Idaho
*Gray, Walter Thomas (Law III)	Mont.	†Hart, Joseph Irel (Law I) A.B. 1932, Brigham Young University	Pt.
Green, Charles L. (Law II)	Calif.	Hartman, John Adams, Jr. (Law II) A.B. 1932, Dickinson College	D.C.
Greene, Robert Paul (Law I) A.B. 1930, Louisiana State University	La.	Harvey, John Augustus (Law I) B.S. 1931, University of Illinois	Mass.
†Griffin, Jerry Noel (Law I) A.B. 1932, B.S. 1934, Southwestern State Teachers College, Okla.	Okla.	†Haskell, A. Porter, Jr. (Law I) B.S. 1930, Dartmouth College	Utah
Griffin, John S. (Law I)	Utah	Haslam, Reuben (Law I) Hathorn, Fleet Cooper, Jr. (Law I) B.S. 1933, Mississippi State Teachers College	Miss.
Griffith, Terry Delmar (Law II)	Va.	†Haughey, John Theodore (Law III) Hawes, Katherine Norman (Law II) A.B. 1931, Cornell University	Ill. D.C.
Gross, Alfred Gregory (Law II) B.S. in M.F. 1933, The George Washington University	D.C.		
†Grubic, Eli (Law I)	D.C.		
Gunion, John Bowman (Law II)	D.C.		
Guy, Benjamin Walter (Law II) A.B. 1933, Williams College	D.C.		
Gwin, Robert W. (Law I)	Ala.		
†Haardt, Carl Joseph M. (Law I) B.S. 1933, Georgetown University	Iowa		
Hackworth, Earl Christy (Law I)	D.C.		
Handley, Harold D. (Law II)	Iowa		

Hay, Malcolm, Jr. (Law I)	N.Y.	Holden, Waldo Coleman (Law I)	Wt.
Haves, Oswald Gray (Law I)	Utah	A.B. 1925, M.B.A. 1927, Harvard University	
Haynes, Gibson Leslie (Law I)	D.C.	Holladay, James Thomas, Jr. (Law I)	Ill.
A.B. 1934, The George Washington University		B.S. 1921, Washington University	
Hedrick, Oppie Lee (Law II)	W.Va.	Hollimon, Blaine Spanghies, Jr. (Law I)	Tex.
Hedman, James M. (Law II)	Pa.	Hollstein, Edmund William (Law I)	Nehr.
E.E. 1930, Lehigh University		Homer, David (Law I)	Utah
Hentel, Carl Frederick (Law I)	D.C.	B.S. 1931, M.S. 1932, Utah State Agricultural College	
B.S. 1928, State University of Iowa		Hoover, Howard S. (Law II)	Wyo.
A.M. 1934, The George Washington University	Iowa	A.B. 1934, University of Kansas	
Heiserman, Elbert George (Law I)		Hoppe, Carolyn Louise (Law II)	D.C.
A.B. 1930, State University of Iowa		A.B. 1925, Coe College	
Heller, Eleanor A. (Law II)	D.C.	Hottenstein, David (Law I)	D.C.
Helyestine, William (Law III)	D.C.	A.B. 1922, Western Maryland College	
Henderson, James McInnes (Law I)	Tex.	Houston, Paris F. (Law III)	Tenn.
Hendricks, Arthur Glen (Law I)	D.C.	A.B. 1930, Lincoln Memorial University	
A.B. 1927, Illinois College		Howard, Charles Sorthorn (Law I)	Pa.
Hendricks, John E. (Law III)	Md.	B.S. 1922, University of Pennsylvania	
B.S. 1929, The George Washington University		Howard, Pierre deVoyage (Law I)	Ga.
Henric, Homer Hudson (Law II)	Ohio	Hubbard, Allen Bradley (Law II)	Wis.
B.S. 1911, Ohio State University		Hubbard, Carter Cassel (Law III)	Wis.
Henry, Edward Ernest (Law III)	Wash.	Hudson, Raymond Minor (Law III)	D.C.
Herrick, Philip F. (Law, Spec.)	D.C.	Huff, Neal Jay (Law II)	Iowa
A.B. 1929, Williams College		Humbertberger, Lee I. (Law I)	D.C.
L.L.B. 1933, The George Washington University		Hust, Ray Alfred (Law I)	Utah
Hibschman, Maurice (Law II)	Wash.	Hutchinson, Lumen (Law II)	Okla.
B.S. 1931, U.S. Naval Academy		A.B. 1934, University of Oklahoma	
Hickey, Andrew Samuel (Law I)	N.Y.	Hutchinson, Earl W. (Law III)	D.C.
Graduate 1906, U.S. Naval Academy		B.S. 1916, University of Wisconsin	
Hill, John Lyman (Law I)	Wis.	Hurston, John H., Jr. (Law II)	D.C.
Hill, John Robert (Law I)	Ill.	A.B. 1934, The George Washington University	
Hill, L. Dale (Law I)	D.C.	Hutton, Harry Theodore (Law III)	Va.
Hill, Richard A. (Law II)	Pa.	B.S. 1910, The George Washington University	
A.B. 1932, The George Washington University		Hvatt, William S., Jr. (Law I)	Kans.
Hill, Samuel Thomas (Law II)	N.C.	Hyde, DeWitt Stephen (Law III)	D.C.
A.B. 1932, The George Washington University		Iglehart, Donald Hunt (Law I)	D.C.
Hirer, E. Byron (Law I)	Wyo.	A.B. 1931, The George Washington University	
A.B. 1931, University of Nebraska		Hoff, John William (Law I)	Ill.
Hulop, Robert Norman (Law I)	N.H.	B.S. 1932, Northwestern University	
A.B. 1930, Bates College		Ippson, Donald Keller (Law I)	Utah
A.M. 1931, American University		Irion, Henry Gifford (Law III)	D.C.
Hix, William Beryl (Law I)	Kans.	A.B. 1932, Haverford College	
A.B. 1934, The George Washington University		Jackson, Thomas S. (Law III)	D.C.
Hobbs, Winston Ellis (Law II)	Md.	A.B. 1932, The George Washington University	
A.B. 1933, Dartmouth College		Jacobsen, Paul Dewar (Law I)	Iowa
Hodgson, Arthur Clay (Law II)	Kans.	Jarman, Carey (Law I)	D.C.
A.B. 1929, University of Kansas		A.B. 1917, St. John's College	
Hosbrecks, Omer S. (Law I)	Wis.	Jeffries, Annie Keith (Law I)	S.C.
Hoffman, Charles North (Law I)	Iowa	A.B. 1934, Washburn College	
A.B. 1930, University of Iowa		Jennings, Harry Edmund (Law II)	Ind.
Holcomb, Luther Jenkins (Law I)	Okla.	Ph.D. 1912, University of Wisconsin	
Holcombe, John Lavalley (Law III)	Calif.	Jennings, William Fumston (Law I)	Va.
A.B. 1932, University of California		Graduate 1922, U.S. Naval Academy	
Holden, Robert B. (Law I)	Idaho		

Jessup, Gerald E. (Law I)	Okla.	Kent, Edward Francis (Law I)	D.C.
Jewell, Ruth Cary (Law I)	D.C.	A.B. 1934, University of Hawaii	D.C.
A.B. 1932, Wellesley College		†Keough, Paul Hamilton (Law II)	D.C.
Johannessen, George Thomas (Law III)	D.C.	A.B. 1929, A.M. 1931, The George Washington University	D.C.
Johns, Llewellyn James (Law III)	Ohio	Kerkam, John Freeman (Law II)	D.C.
Graduate 1920, U.S. Naval Academy		Kerkam, William Barron, Jr. (Law III)	D.C.
Johnson, Edwin O. (Law III)	Idaho	B.S. 1932, Princeton University	
A.B. 1932, University of Utah		†Kerner, George William, Jr. (Law I)	N. Mex.
Johnson, Everett Royal (Law I)	S. Dak.	Kerslake, Youart Herbert (Law I)	D.C.
B.S. 1934, Alaska Agricultural College and School of Mines		B.S. 1933, Haverford College	
†Johnson, Mary Agnes (Law I)	Ill.	*Key, William Ward (Law III)	Ohio
Johnson, Richard Gordon (Law I)	Ariz.	A.B. 1928, Ohio Wesleyan University	Pa.
Johnson, Selmer LeRoy (Law I)	Wis.	Kiethline, Emma (Law I)	Ind.
Johnson, William Roy (Law III)	D.C.	King, Herman Clinton (Law I)	
B.C.S. 1924, New York University		A.B. 1930, Indiana University	
Johnston, Richard Leither (Law II)	Md.	M.B.A. 1932, Harvard University	Ala.
B.S. 1929, Johns Hopkins University		King, Robert Leonard (Law I)	N. Mex.
Johnston, Russel (Law I)	D.C.	Kinney, Charles Gordon (Law I)	Va.
A.B. 1927, University of Texas		Kiraoske, Warren C. (Law I)	Calif.
M.B.A. 1929, Harvard University		Kirby, Marshall (Law I)	
Joiner, Fred H. (Law I)	N. Y.	A.B. 1920, Stanford University	Ark.
†Jones, Ernest Peyton, Jr. (Law, I.L.M.)	Mass.	Kirkland, Ira Brett (Law I)	N. Y.
A.B. 1927, LL.B. 1929, University of Mississippi		Kutelle, Sumner Sugbee (Law II)	Wis.
Jones, John Richardson (Law I)	Wash.	B.S. in C.E. 1931, Purdue University	
B.S. 1931, University of Minnesota		Klak, John J. (Law I)	
Jones, Ralph Edmund, Jr. (Law II)	D.C.	B.S. 1923, University of Wisconsin	Pa.
Jones, Wilbur Glenn (Law III)	Iowa	Kleinlauf, Charles Edward (Law I)	Fla.
Graduate 1922, U.S. Naval Academy		Knight, Charles Louis (Law I)	
M.S. 1929, Harvard University		B.S. 1925, M.S. 1926, University of Virginia	
Jordan, K. Ross (Law I)	Ill.	Ph.D. 1935, University of Pennsylvania	Utah
Jukes, J. H. Fielding (Law I)	Md.	Knight, Jesse H. (Law I)	Utah
A.B. 1933, St. John's College		Knight, Wayne H. (Law I)	D.C.
Kadushin, Herbert A. (Law I)	N.Y.	A.B. 1933, University of Utah	
Kaldes, Peter (Law I)	Pa.	Knoop, Victor H. (Law I)	W. Va.
Kantor, Joseph Louis (Law II)	Va.	Kochler, Arvel Maxwell (Law I)	Kent.
Kaplan, David (Law, Uncl.)	D.C.	Koester, Charles William (Law I)	
A.M. 1933, University of Wisconsin		B.S. 1934, University of Nebraska	
Kaplan, Louis Charles (Law I)	D.C.	M.B.A. 1933, Harvard University	N.Y.
A.B. 1934, Yale University		Kogan, Leo (Law II)	
Kauffman, Vernet Charles (Law III)	Pa.	B.S. 1932, College of the City of New York	
B.S. 1928, Pennsylvania State College		Kolehmainen, Waino Mathias (Law III)	D.C.
M.S. 1930, Massachusetts Institute of Technology		B.S. in E.E. 1930, Union College	D.C.
Kaufman, Sidney (Law I)	N.J.	Kong, Benjamin Fui (Law II)	Mass.
A.B. 1933, University of Delaware		Koren Samuel (Law II)	
Keating, George J. (Law II)	N.Y.	B.S. 1930, Massachusetts Institute of Technology	Tex.
Keeler, Clark Beane (Law I)	D.C.	Korth, Frederick Herman (Law III)	Nebr.
Keener, John R. (Law II)	D.C.	A.B. 1932, University of Texas	
Kelouson, Milton (Law I)	N.Y.	Kosowsky, Jack L. (Law III)	
B.S. 1933, Brooklyn College		B.S. in C.E. 1930, University of Nebraska	D.C.
Keller, Hunter Lambert (Law II)	D.C.	*Kriegel, Abraham Bernard (Law III)	D.C.
Kelly, John Lewis (Law II)	Md.	B.Eng. 1920, Johns Hopkins University	D.C.
†Kemp, Thomas Aubrey (Law I)	Md.	Krimball, Jack Beane (Law I)	Kent.
A.B. 1934, Bucknell University		Kunta, Helen Pearl (Law II)	Ohio
Kennedy, David M. (Law III)	Utah	Koppinger, Ethel D. (Law II)	
*Kennedy, Howard (Law III)	Nebr.	A.B. 1933, Ohio State University	
Kennell, C. Raber (Law II)	Ind.		
A.B. 1934, The George Washington University			

Kutiz, Herbert George (Law I) A.B. 1938, The George Washington University	Pa.	Lincoln, Evelyn N. (Law I) A.B. 1926, University of Nebraska	D.C.
*Kutroff, Abraham Philip (Law I) A.B. 1933, College of the City of New York	N.Y.	Lincoln, Harold Wayne (Law I) B.S. 1934, University of Maryland	D.C. D.C.
LaBonte, Charles Leo (Law I) LaFarge, Charles Arth. (Law I) A.B. 1929, Stanford University	Mass. Wash.	Flangerman, Herman Adam (Law I) B.S. 1934, Haverford College	Pa. Pa.
Lamb, Philip Everett (Law I) Lambertson, Floss (Law II) Landwehr, Arthur S. (Law I) A.B. 1929, Davis and Elkins College	Me. Kana. N.J.	Little, Hobart (Law I) A.B. 1905, Hamilton College M.B.A. 1926, New York University	
Lane, Donald Edward (Law II) B.S. 1931, Yale University	N.J.	Little, Theodore H. (Law I) Little, Wendell E. (Law I) A.B. 1932, University of Texas	Wash. N Mex.
Langmuir, Stephen W. (Law II) Lantry, Wilbur Wilson (Law I) Langman, Matthew DePaul (Law I)	Md. Ariz. D.C.	Littlejohn, Joseph Robert (Law I) Lloyd, Margaret Mabel (Law I) A.B. 1929, University of Southern California	Mo. Calif.
Lappen, Sylvan Harold (Law I) Larson, Golden Robert (Law II) Latham, James Morris (Law I) Larmer, Cecil (Law III) B.S. in E.F. 1925, Georgia School of Technology	D.C. D.C. D.C. Utah Miss. Fla.	Lockwood, Corwin Reese (Law I) A.B. 1933, The George Washington University	Ohio
Law, Melvin James (Law I) Lawlor, Richard Damon (Law I) B.S. in M.F. 1923, Tufts College	Utah N.J.	Loftis, James Robert (Law I) A.B. 1933, University of Utah	Utah
Leach, John Salmon (Law I) A.B. 1930, Duke University	N.C.	Flukes, Marian Clark (Law I) B.S. in Ed. 1932, University of Pennsylvania	Pa.
Lechiter, Clio Irvine (Law I) A.B. 1932, University of Nebraska	Nebr.	B.S. in E.S. 1933, Drexel Institute Lorenz, Eugene Humble (Law II) B.S. 1930, University of Pennsylvania	D.C.
Lehman, Hornbaker B. (Law III) Lee, Donald E. (Law III) Lee, Frank Miles (Law I) Lee, John William (Law I) B.S. 1930, University of Oklahoma	Va. Wis. Mo. Mo.	Lothrop, M. Lydia (Law I) A.B. 1911, Radcliffe College A.M. 1912, Ph.D. 1926, University of California	Calif.
Lee, Thomas Harold (Law I) Lecroft, Donald Stone (Law I) A.B. 1934, Southern Teachers College, Durant, Okla.	Idaho Okla.	Lovett, Tom S. (Law I) A.B. 1934, University of Arkansas	Ark.
Lehman, Howard William (Law II) A.B. 1911, University of Illinois	Ill.	Lowe, Robert Chapin (Law II) A.B. 1934, The George Washington University	N.J.
Lenke, William F. (Law II) Leopold, Max (Law II) Ph.D. 1931, Yale University	N.Dak. Conn.	Lowe, William Alan (Law II) Lowrey, Pessan Holmes (Law III) Loyd, DeWitt Clinton (Law I) Lucas, Margaret Louise (Law I) A.B. 1931, DePaul University	S.C. Miss. Ill. Ind.
Leid, Henry F. (Law II) A.B. 1931, Wesleyan University	D.C.	Luers, Margaret Frances (Law III) *Lund, Earl Hilbish (Law III) B.S. in C.E. 1927, C.E. 1923, University of Minnesota	D.C. Md.
Leiser, Abraham Max (Law II) B.S. 1931, University of Pennsylvania	D.C.	Lundh, Sverter Hakon (Law I) M.S. 1925, Norway Institute of Technology	Va.
Leis, David S. (Law III) A.B. 1931, Parsons College	Iowa	Lushy, Rufus Newell (Law I) Lyle, Francis Powell (Law II) B.S. in E.F. 1932, The George Washington University	D.C. D.C.
Leisner, Benjamin (Law III) Lewis, Rease, Jr. (Law III) A.B. 1932, Yale University	D.C. D.C.	Lyons, Jake G. (Law I) A.B. 1932, University of Oklahoma	Okla.
Leibler, Margaret A. (Law I) A.B. 1934, The George Washington University	D.C.		
Ligon, David Stowall (Law III) A.B. 1932, The George Washington University	Va.	Mabry, Scott Harvey (Law II) A.B. 1932, University of New Mexico	N.Mex.
Liles, Edward Breeden (Law I) A.B. 1932, Wofford College	S.C.	MacDonald, Fred (Law I) A.B. 1933, Arkansas College	Ark.
		Mack, Frederick Butler (Law III) M.E. 1920, Cornell University	D.C.

O'Connor, Maurice Stephen (Law I)	Iowa	Pettit, Milton Howard (Law I)	D.C.
A.B. 1934, Dartmouth College		Ph.B. 1932, University of Chicago	Ark
Oermann, Oskar Paul (Law I)	Ind.	Pewett, Edwin Henkel (Law I)	
O'Larey, John Elton (Law I)	Wash.	A.B. 1934, Washington and Lee University	Kans.
†Olmstead, Ralph W. (Law I)	Idaho	Phares, Alan Brelford (Law I)	S.C.
A.B. 1913, University of Idaho	N.Mex.	A.B. 1934, Wichita University	Kans.
Olsen, Mabel Evelyn (Law II)		†Phifer, George Erwin (Law I)	Iowa
A.B. 1920, University of New Mexico		Phillips, Donald D. (Law III)	Iowa
O'Malley, Lawrence Joseph (Law I)	Nebr.	Pickett, Charles Joseph (Law I)	Iowa
†O'Neill, Charles Ford (Law I)	Tex.	A.B. 1934, Yale University	Ky.
A.B. 1934, Texas Technological College		Pierson, W. Theodore (Law I)	Md.
Ossen, Jay Jack (Law III)	Conn.	Pilson, T. Alfred (Law II)	
†Osthagen, Clarence Hilmann (Law I)	N.J.	A.B. 1934, Asbury College	D.C.
B.S. in Eng. 1930, University of Kentucky		Pimper, James Lambie (Law I)	D.C.
		A.B. 1911, Dartmouth College	
		Pitt, Bernard Picking (Law I)	
		Pittie, Herbert (Law II)	
		A.B. 1911, The George Washington University	D.C.
†Pace, Udall Wilson (Law I)	Utah	Plugge, John Ade (Law II)	
Pagan, Oliver Elwood (Law II)	D.C.	B.S. 1929, M.S. 1930, Massachusetts Institute of Technology	Vt.
A.B. 1934, The George Washington University		†Plumley, Fletcher D. P. (Law I)	Ill.
Page, Harry Collin (Law I)	Mo.	A.B. 1928, Norwich University	
B.S. in E.E. 1920, Missouri School of Mines		M.B.A. 1933, Harvard University	
M.S. in E.E. 1931, Union College	Va.	Pollard, Willard Lacy (Law I)	Ark.
Painter, E. M. Mozelle (Law I)	D.C.	B.S. in Ch.E. 1933, Notre Dame University	
Palmer, J. Joseph W. (Law II)		Ponder, Lester M. (Law I)	Mass.
A.B. 1923, A.M. 1925, The George Washington University	D.C.	B.S. 1934, Northwestern University	N.Y.
Pappas, Platonis E. (Law II)		†Porotto, Fortunato Igino (Law I)	
A.B. 1934, The George Washington University	D.C.	*Pottier, George W. (Law III)	Calif.
Parker, Charles Shepard (Law III)		A.B. 1910, Dartmouth College	N.J.
Ph.B. 1933, Kenyon College	Conn.	†Powell, George Livingstone (Law I)	Ariz.
Parker, Donald William (Law III)		†Powelson, Robert (Law I)	Ga.
B.S. in Eng. 1933, The George Washington University	Iowa	†Price, Dix W. (Law I)	Md.
Parker, Ellsworth S. (Law I)	Tex.	Price, Henry Ellis (Law I)	
Parker, Jack Owen (Law I)	Tex.	A.B. 1912, Emory University	Ark.
Parker, William Louis (Law II)		Price, Leonard H. (Law III)	
B.B.A. 1912, University of Texas	Md.	A.B. 1911, The George Washington University	D.C.
Parks, Wallace Judson (Law II)		Prothro, Adolphus M. (Law II)	
A.B. 1932, Williams College	Utah	A.B. 1934, Baylor University	
Parrish, James Wayne (Law II)	Tex.	Pyles, John Chester, Jr. (Law II)	Va.
†Paton, James Ferrier (Law I)		A.B. 1932, Dartmouth College	
A.B. 1922, Baylor University	N.Y.		
Patterson, Robert John (Law II)		Radford, duVal (Law I)	
B.S. in Ch.E. 1930, Clarkson College of Technology	Va.	A.B. 1930, Washington and Lee University	D.C.
Patton, Francis L. (Law II)		Radue, Richard Glover (Law III)	
A.B. 1914, Washington and Lee University	N.Mex.	B.S. in Eng. 1911, The George Washington University	D.C.
†Patton, William Henry (Law I)	D.C.	Rakusin, Stanley Israel (Law I)	D.C.
Paul, Laura Christie (Law I)		Ramsey, Ralph E. (Law I)	
B.S. 1933, Elmira College	N.Dak.	A.B. 1933, The George Washington University	Ariz.
*Paulson, Lynn C. (Law III)			Ind.
A.B. 1930, The George Washington University	Wis.	Randall, Glen (Law I)	
Paulus, George M., Jr. (Law III)	D.C.	Rawalt, Marguerite (Law, LL.M.)	
Pearce, Charles E. (Law I)	Mo.	A.B. 1933, LL.B. 1935, The George Washington University	
Petentler, Arch John (Law I)			

Redrow, Allan R. (Law I) B.S. in M.E. 1935, Catholic University of America	Ohio	Ross, George I. (Law II) Ross, William Bradford (Law I)	Utah
Reed, Mabel Chivers (Law I) A.B. 1932, The George Washington University	Mont.	Rossman, Robert (Law I) B.S. 1934, Northwestern University	D.C. Ill.
Rees, Hanson Lay (Law I) Rees, Elizabeth Ann (Law I) A.B. 1932, The George Washington University	Miss. Va.	Rosette, George S. (Law I) Rosen, E. Ramsey (Law I) A.B. 1927, A.M. 1928, University of Wisconsin	Ga. Wis.
Reynolds, Robert Theodore (Law I) Reznek, Joel (Law III) B.S. in Eng. 1932, The George Washington University	Va. D.C.	Roberts, Jacob H. (Law II) B.S. 1935, Columbia University	Va.
Rhodes, Francis Marion (Law I) A.B. 1932, Southeast Missouri State Teachers College	Mo.	Rufe, Walter Edwin (Law I) B.S. in Ch.E. 1935, M.S. in Ch. 1937, University of Colorado	N.Mex. Tex.
Rhine, Mary (Law I) A.B. 1935, DePaul University	Ind.	Rush, Eugene Alvin (Law I) A.B. 1933, University of Texas	Pa.
Rich, Joseph C. (Law I) Richard, Glenn Umar (Law I) A.B. 1934, Wichita University	Idaho Kans.	Russell, Frank B. (Law II) A.B. 1935, University of Alabama	Ala.
Richard, Mildred Graham (Law I) A.B. 1929, Wichita University	Kans.	Rutledge, Levene Hart (Law II) A.B. 1931, Pomona University	Pa.
Richards, Karl Morgan (Law III) A.B. 1927, University of Utah	Utah	Ryngaert, William Gladstone (Law I) A.B. 1932, University of Southern California	Nev.
Richmond, David Walker (Law II) Riethel, Tully D. (Law I) B.S.C. 1931, University of Mississippi	Kans. Miss.	Saks, George P. (Law, I.L.M.) B.S. in Eng. 1930, I.L.B. 1933, The George Washington University	D.C.
Riffel, Edward (Law I) A.B. 1934, Hendrix College	Ark.	Salsbury, Clarence Arnold (Law III) A.B. 1934, The George Washington University	Kans.
Riggs, Scott G. (Law III) Riles, Thaddeus Ambrose (Law I) Riordan, Robert Callahan (Law III) B.S. in M.E. 1935, Catholic University of America	Iowa Mo. D.C.	Sampson, Louise (Law I) Samuel, Samuel Lewis (Law II) A.B. 1934, The George Washington University	Va. D.C.
Risher, Charles W. (Law II) A.B. 1934, Indiana State Teachers College	Ind.	Sandall, Eleanor Tripp (Law I) Ph.B. 1927, University of Chicago	D.C.
Riser, Robert P. (Law I) A.B. 1931, Drake University	Iowa	Sandoz, William Hopp (Law I) A.B. 1931, University of Pennsylvania	W.Va.
Ritter, Emily Knight (Law II) A.B. 1934, Cornell University	D.C.	Sandbeck, Norville Harrison (Law I) A.B. 1935, The George Washington University	Mo.
Roberts, Charles F. (Law I) B.S. 1935, University of Oregon	Calif.	Sapp, Robert Asa (Law III) Sargents, William Hall (Law I)	Ga. N.Mex.
Roberts, Elton (Law I) Roberts, Eugene Joseph (Law II) B.S. 1930, University of Maryland	Okla. D.C.	Saulsby, Franklin DeWitt (Law I) Scatterday, George H. (Law II) B.B.A. 1931, University of Washington	Va. Idaho
Roberts, James Aubrey (Law II) Graduate 1921, U.S. Naval Academy	D.C.	Schlutzhauser, Wesley (Law I) Schmidt, Miriam Elizabeth (Law I)	Ariz. D.C.
Robinson, Cecil Fales (Law I) A.B. 1934, Colby College	Me.	Schmidt, Walter Theodore (Law III) A.B. 1932, The George Washington University	Md.
Rogers, Iephthah Scott (Law II) A.B. 1934, University of Arkansas	Ark.	Schmitt, Otto W. (Law I) A.B. 1935, The George Washington University	S.Dak.
Rogers, William (Law I) B.S. 1935, University of Chicago	D.C.	Schuster, Arthur J. (Law III) Schwartz, Irving (Law I)	D.C. N.Y.
Romney, Blaine St. John (Law I) Romney, Charles Wilkes (Law I) Rose, Mary Elizabeth (Law II) A.B. 1934, The George Washington University	Utah Ill.	Servanter, Elizabeth Baltz (Law I) A.B. 1934, The George Washington University	D.C.
Rosenberg, Maurice D., Jr. (Law I)	D.C.	Servanter, Samuel Jr. (Law, Und.) F.M. 1927, Lehigh University	D.C.

Seal, Charles Bernard (Law I)	Ind.	Smith, Vernon Kenneth (Law I)	Idaho
A.B. 1933, A.M. 1934, Butler University		Smith, Waller Harrett (Law III)	Va.
Seav, Charles (Law I)	D.C.	A.B. 1931, College of William and Mary	Pa.
A.B. 1934, University of Maryland		Smoot, Charles Effinger (Law III)	Ill.
Sembower, John Franklin (Law I)	Ind.	A.B. 1931, The George Washington University	Mo.
A.B. 1934, Indiana University		Sinville, Donn Verner (Law III)	Utah
Sheffield, Elbert J. (Law I)	Utah	M.E. 1938, Cornell University	N.C.
A.B. 1934, University of Utah		Snow, Alvah L. (Law II)	
Sherbondy, Donald I. (Law III)	Pa.	Snow, R. Dale (Law III)	
A.B. 1930, Ohio Wesleyan University		Snow, William, Boylan, Jr. (Law I)	
A.M. 1931, American University		A.B. 1931, University of North Carolina	D.C.
Sherfey, Helen Roberta (Law II)	D.C.	Snyder, Albert Ralph (Law III)	Ohio
Sherfy, Laurence Polkinton (Law III)	D.C.	Snyder, Louis M. (Law I)	Nebr.
A.B. 1931, The George Washington University		Spear, William W. (Law I)	
Sherfy, Raphael (Law III)	D.C.	A.B. 1933, University of Nebraska	Utah
A.B. 1931, The George Washington University		Spencer, David Crismon (Law II)	
Shilling, Katherine (Law II)	Ohio	A.B. 1930, University of Utah	Conn.
A.B. 1928, Wellesley College		Spivak, Joseph Harry (Law II)	Md.
Shishkin, Boris Basil (Law I)	N.Y.	Stafford, Zebulon Hopkins (Law I)	D.C.
A.B. 1930, Columbia University		Stanford, Arthur George (Law I)	
Shouse, John Henry (Law II)	Ky.	Graduate 1926, U.S. Naval Academy	Mo.
A.B. 1931, Berea College		Stanley, Berry W. (Law I)	
Siferd, Willis S. Jr. (Law II)	Ohio	A.B. 1934, William Jewell College	Ind.
A.B. 1931, Dartmouth College		Stanley, James R. (Law I)	
Simon, Leon (Law III)	Ill.	A.B. 1933, Earlham College	Ky.
B.S. 1930, University of Illinois		Stanley, William S. (Law III)	
Simpson, Donald James (Law III)	D.C.	A.B. 1931, The George Washington University	W.Va.
B.S. in E.E. 1929, E.E. 1930, Northwestern University		Staubly, Alan MacLean (Law I)	D.C.
Simpson, Faust Y. (Law I)	Ky.	Strauffer, David Kinehart (Law III)	
Simpson, O'Wighton (Law I)	Va.	A.B. 1933, The George Washington University	D.C.
Sims, Chaille P. (Law I)	D.C.	Strauffer, Henry Brooks (Law I)	
Sinclair, Dohrman James (Law I)	Ohio	A.B. 1934, Duke University	D.C.
B.S. 1928, Dartmouth College		Stein, Colman Brev (Law III)	Calif.
Sinclair, Lee D. (Law I)	S.Dak.	Stephens, Elgood Edward (Law I)	
Sitton, Floyd Weldon (Law III)	Iowa	B.S. 1933, University of California	Del.
A.B. 1938, Simmons University		Sterrett, William Dent, Jr. (Law I)	
Sizem, Joseph A. (Law I)	Calif.	A.B. 1933, The George Washington University	Mo.
A.B. 1934, The George Washington University		Sterrett, William Wilson (Law III)	
Skoutelsky, Boris (Law I)	N.J.	A.B. 1930, Missouri Valley College	Va.
Smalley, Henry S. (Law I)	Idaho	Stewart, Allen W. (Law I)	D.C.
A.B. 1934, The George Washington University		Stevens, F. Leonard (Law I)	Utah
Smart, Herbert Frank (Law I)	Utah	Stewart, George Emory (Law III)	Utah
Smith, Bertha Merriam (Law III)	Pa.	Stohl, Ralph N. (Law I)	
A.B. 1930, Goucher College		A.B. 1934, University of Utah	Wa.
Smith, Gerald Gay (Law II)	Utah	Snell, Norman A. (Law, Uncl.)	
B.S. 1931, University of Utah		Ph.B. 1932, University of Wisconsin	Mont.
Smith, Guestry R. (Law I)	D.C.	Storrs, R. Bailey (Law I)	
Smith, H. Albert (Law I)	Mo.	A.B. 1933, Carleton College	Utah
Smith, James Semmon (Law II)	Utah	Stout, Clair L. (Law I)	
B.S. 1930, Utah State Agricultural College		A.B. 1933, University of Utah	Utah
Smith, John George, Jr. (Law I)	N.Y.	Soyt, Reed Albert (Law I)	
Smith, John Wallace (Law II)	Ohio	A.B. 1933, University of Utah	Md.
Smith, John William (Law I)	Utah	Stratton, Arthur Tournier (Law I)	
B.S. 1934, University of Utah		F.E. 1930, Rensselaer Polytechnic Institute	
Smith, Lester Thomas (Law I)	Pa.		
A.B. 1934, Muhlenberg College			

Stuart, Robert Kenneth (Law I) A.B. 1935, Washington and Jefferson University	Pa	Tillotson, John Wallace (Law I) Tinsley, Winifred Irene (Law Spec.)	Ill. D.C.
Stull, Neil Francis (Law I) B.S. 1921, Ohio State University	Ohio	Tobey, Charles William, Jr. (Law I)	N.H.
Sturm, George Wayne (Law I)	Calif.	*Tomlin, Carl William (Law III) B.S. in Eng. 1912, The George Washington University	Mo
Sullivan, Mark, Jr. (Law I) A.B. 1932, Princeton University	D.C.	Toothaker, Lolita (Law I)	Kans.
Summers, Vaughn Watson (Law II)	Ill.	Towberman, Allen J. (Law I)	Va.
Swanson, Irving William (Law I)	Wis.	Trammell, Charles M. Jr. (Law I) A.B. 1933, The George Washington University	Fla.
Swanson, Verne Clifford (Law I) B.S. 1931, University of Illinois B.S. in C.E. 1933, The George Washington University	Md.	Trask, Alfred S. (Law III) B.S. in F.E. 1923, University of Minnesota	Minn.
Swayze, John M. (Law I) A.B. 1934, The George Washington University	Kans.	*Travler, James Vivian (Law I) †Tretter, George (Law I) B.S. 1934, Cornell University	Tex. N.Y.
Sweeney, Isabelle Sutton (Law I) A.B. 1932, University of California	Calif.	Tribe, Merrill L. (Law I) A.B. 1933, University of Utah	Utah
Sweeny, Charles A. (Law III)	Ohio	Trumble, Edward John (Law II) Graduate 1925, U.S. Naval Academy	Va.
Swingle, Lester Monroe (Law II) B.S. in M.E. 1932, The George Washington University	D.C.	Tuba, Stephen, Jr. (Law III)	Minn.
Swofford, Paul E. (Law I) B.Ed. 1933, Southern Illinois Teachers College	Ill.	Turnbull, Frederick William (Law III)	Pa
Swope, Edwin L. (Law I) Siler, Fred L. (Law I) B.S. 1929, Ohio State University	N.Mex. D.C.	Ullman, Jerrold B. (Law II) A.B. 1935, The George Washington University	D.C.
Syphers, Grant E. (Law II) A.B. 1934, The George Washington University	Utah	Undeshell, Wingate Egerton (Law II) B.S. in C.E. 1929, University of North Carolina	N.C.
Tate, Edward Oscar (Law I) A.B. 1933, American University	Tenn.	Underwood, Raymond (Law II) B.S. 1926, Massachusetts Institute of Technology	D.C.
Taylor, Howard D. (Law II) B.S. 1934, Brigham Young University	Utah	VanDerman, Wilma E. (Law III) A.B. 1933, The George Washington University	Ind.
Taylor, Howard Sims (Law I) B.S. 1931, University of Utah	Utah	Vanderzwaag, Benjamin Franklin (Law III) Md C.E. 1928, Reusselcher Polytechnic Institute	
Templin, Una Vernece (Law I) Theodor, Jerome (Law I) Thibdy, William Alan (Law I) A.B. 1934, University of Utah	D.C. D.C. Utah	Vanderzwaag, Richard Peter (Law III) Vandeweg, O. Lamont (Law III) Vandusen, Robert Thomas (Law I) B.S. 1934, University of Idaho	Mich. Utah Idaho
Thom, Charles Hubert (Law II) A.B. 1934, The George Washington University	D.C.	Vane's, Arthur Alexis (Law II) B Eng. 1931, Johns Hopkins University	D.C.
Thomas, Beetha Dorothy (Law I) A.B. 1939, Western Reserve Uni- versity	D.C.	Vaughan, Robert McNeal (Law I) A.B. 1933, Duke University	Ky.
Thomas, Edwin Morton (Law II) B.S. 1934, The George Washington University	Colo.	*Vaughan, Thomas R. (Law III)	Ark.
Thomas, George Samuel (Law I) Thomas, Jack Herring (Law I)	Ohio	Vivian, Clyde Earl (Law II) A.B. 1931, Western Kentucky State Teachers College	Ky.
Thompson, W. Jack (Law II) A.B. 1933, University of Wyoming	Kans. Wyo.	Wagstaff, W. Seanford (Law I) †Walker, D. Marie (Law II) B.S. 1930, Kansas State Teachers College	Utah Kans.
Thornton, Allan F. (Law I) A.B. 1933, Morningside College	Minn.	Walker, Faye (Law I)	D.C.
Thorman, William Telf (Law II) A.B. 1931, University of Utah	Utah		
Threlwell, Thomas Haskell (Law I)	Calif.		
Tilden, Richard A. (Law III)	D.C.		

Wallace, William Dill (Law I)	Ariz.	White, Elsie Brockenborough (Law I)	Vt.
B.B.A. 1929, University of Washington		B.S. 1931, Clemson Agricultural and Mechanical College	Utah
M.B.A. 1934, Harvard University		White, George A. (Law I)	D.C.
Waller, Henry, Jr. (Law I)	Oreg.	White, Hugh Letcher (Law I)	
A.B. 1914, Washington and Lee University		Graduate 1913, U.S. Naval Academy	
Waller, Philip David (Law II)	Ind.	M.S. 1921, Columbia University	D.C.
A.B. 1934, The George Washington University		White, Richard M. (Law II)	Ta.
Walsh, Edward Cornelius (Law I)	N. Dak.	A.B. 1930, University of Maryland	
B.S. 1923, U.S. Naval Academy		White, William L. (Law I)	
Walter, Paul Brathbury (Law II)	Ill.	B.S. 1934, North Texas State Teachers College	Mich.
B.S. 1925, Dartmouth College		Whited, Norman Willmer (Law III)	Me.
Wanlass, Ralph Page (Law II)	Utah	B.S. in C.E. 1914, Bucknell University	
Ward, Chester Charles (Law III)	D.C.	Whiting, Charles Jonathan (Law I)	Mass.
B.S. 1921, Georgetown University		Graduate 1926, U.S. Naval Academy	
Watkins, Kenneth Campbell (Law II)	D.C.	Whitledge, Robert Brainerd (Law I)	
A.B. 1932, The George Washington University		B.S. 1930, Yale University	Conn.
Watson, John Paul (Law I)	Okla.	M.S. 1933, Cornell University	Md.
A.B. 1928, Oklahoma Baptist University		Wildman, Herbert Turtle (Law I)	
Webb, Arch George (Law I)	Utah	Wiles, William G. (Law II)	Mass.
B.S. 1934, University of Utah		B.S. in Ch. L. 1929, The George Washington University	
Webb, James Edwin (Law I)	D.C.	Wilkins, Donald L. (Law III)	D.C.
A.B. in Ed. 1928, University of North Carolina		A.B. 1931, Olivet College	Utah
Weber, William F., Jr. (Law I)	Iowa	Wilkinson, Enloe (Law III)	
A.B. 1923, State University of Iowa		Wilkinson, Glen A. (Law I)	N.C.
Weinberg, Joseph H. (Law III)	D.C.	B.S. 1924, Brigham Young University	Ill.
A.B. 1934, The George Washington University		Williams, Anna W. (Law I)	
Weingartner, Ademar Grumm (Law I)	Md.	Williams, Herbert Alphonso (Law I)	Ohio
A.B. 1934, The George Washington University		B.S. 1933, Georgia School of Technology	D.C.
Weinstein, Mayer David (Law I)	N.C.	*Williams, Robert M. (Law III)	
B.S. 1923, University of North Carolina		Willis, David Henry (Law I)	
Weitzel, Frank Harvey (Law III)	D.C.	A.B. 1934, B.S. in Ed. 1934, University of Texas	N.C.
A.B. 1931, The George Washington University		Wilson, George Wood, Jr. (Law I)	W. Va.
Wertz, William H. H. (Law I)	Ohio	A.B. 1931, University of North Carolina	
A.B. 1933, Washington and Lee University		Wilson, S. Stuart (Law I)	D.C.
West, Wilburn C. (Law III)	Utah	A.B. 1925, Marquette College	
Westmore, Waldo Bass (Law II)	Kans.	Wilson, Vern William (Law I)	W.
A.B. 1932, Wichita University		B.S. 1924, University of Florida	
Whalan, John, Jr. (Law I)	Utah	Wilson, William Lane (Law I)	Kan.
A.B. 1932, Michigan State Normal College	Mich.	A.B. 1929, Washington and Lee University	
Wharton, Maude C. (Law I)	Tex.	Windle, Frederick Lark (Law II)	Pa.
Wheelock, Alpha Conner (Law I)	W. Va.	A.B. 1931, University of Kansas	
A.B. 1931, Marshall College		Wingard, Jay Franz (Law II)	D.C.
Wheatley, George H. (Law I)	W. Va.	A.B. 1927, Ohio Northern University	Ind.
Whipple, M. Elisha (Law II)	Iowa	Wise, Charles C. (Law II)	Mo.
A.B. 1934, The George Washington University		Wischare, Harold H. (Law III)	
White, Andrew W. (Law I) (M.)	D.C.	Wiser, Ralph L. (Law I)	
A.B. 1932, Davidson College		A.B. 1934, The George Washington University	Pa.
L.L.B. 1937, Harvard University		Witcher, William Green (Law I)	Mass.
		Witt, George David (Law I)	
		Wolcott, Conrad James (Law II)	Pa.
		B.C. 1932, Cornell University	
		Wright, Alvin M. (Law I)	Utah
		A.B. 1931, Dickinson College	
		Wood, Lynn Quincy (Law II)	
		A.B. 1934, University of Utah	

Woods, Edwin Elmore (Law I)	Vt.	Youngblood, Uriah M. (Law I)	La.
Graduate 1922, U. S. Naval Academy		Yules, Roovin Herman (Law I)	Conn.
Woods, Warren (Law I)	D.C.	A. B. 1933, Yale University	
Woolwine, Lucy France (Law I)	Va.		
Worthy, William Buford (Law II)	S. C.	Zac, John J. (Law I)	Minn.
Wright, Joseph Sutherland (Law III)	Mont.	B. S. 1933, St. John's University	
Wright, Thomas Wilbraham (Law I)	N. J.	Zartman, Ross B. (Law III)	D. C.
A. B. 1928, Princeton University		Zas, Joseph Francis (Law II)	Pa.
Wynn, Richard (Law I)	N. Y.	A. B. 1933, University of Michigan	
		Zimmers, Neal F. (Law I)	Ohio
Yinger, Harry Lloyd (Law II)	Pa.	A. B. 1933, Denison University	
B. S. in C. F. 1933, The George		Zuckerman, Louis A. (Law II)	D. C.
Washington University		Zurim, Maria Amecha (Law I)	D. C.
Yost, Robert Charles (Law I)	Wis.	A. B. 1934, American University	
Young, James A. (Law I)	Idaho		

SUMMARIES OF REGISTRATION

1934-35

NUMBER OF REGISTRATIONS

Candidates for the degree of Bachelor of Laws:	
First year.....	602
Second year.....	222
Third year.....	180
Total.....	1004
Candidates for the degree of Master of Laws.....	12
Total candidates for degrees.....	1016
Unclassified students.....	9
Special students.....	4
Total.....	1029

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama.....	8	New Hampshire.....	3
Arizona.....	8	New Jersey.....	14
Arkansas.....	18	New Mexico.....	14
California.....	18	New York.....	28
Colorado.....	8	North Carolina.....	12
Connecticut.....	10	North Dakota.....	6
Delaware.....	5	Ohio.....	27
District of Columbia.....	244	Oklahoma.....	21
Florida.....	5	Oregon.....	4
Georgia.....	11	Pennsylvania.....	40
Idaho.....	24	Rhode Island.....	3
Illinois.....	39	South Carolina.....	21
Indiana.....	20	South Dakota.....	5
Iowa.....	27	Tennessee.....	10
Kansas.....	29	Texas.....	25
Kentucky.....	15	Utah.....	67
Louisiana.....	4	Vermont.....	4
Maine.....	7	Virginia.....	48
Maryland.....	47	Washington.....	10
Massachusetts.....	14	West Virginia.....	13
Michigan.....	10	Wisconsin.....	15
Minnesota.....	7	Wyoming.....	5
Mississippi.....	12	Hawaii.....	1
Missouri.....	19	Panama.....	1
Montana.....	8	Siam.....	1
Nebraska.....	12		
Nevada.....	2	Total.....	1029

GRADUATES OF COLLEGES REGISTERED IN THE LAW SCHOOL

Alabama Polytechnic Institute....	1	School of Mines.....	1
Alabama, University of.....	3	Albion College.....	1
Alaska Agricultural College and		Alma College.....	1

American University.....	11	Georgia, University of.....	2
Amherst College.....	1	Gettysburg College.....	1
Arkansas College.....	1	Goucher College.....	2
Arkansas State Teachers College..	1	Gustavus Adolphus College.....	1
Arkansas, University of.....	4	Hamilton College.....	2
Asbury College.....	1	Hampden-Sydney College.....	1
Austin College.....	1	Harvard University.....	11
Baker University.....	1	Haverford College.....	3
Bates College.....	1	Hawaii, University of.....	1
Baylor University.....	4	Hendrix College.....	1
Berea College.....	1	Howard College.....	2
Boston University.....	1	Idaho, University of.....	4
Brigham Young University.....	5	Illinois College.....	1
Brooklyn College.....	2	Illinois, University of.....	10
Bucknell University.....	2	Indiana State Teachers College...	1
Butler University.....	1	Indiana University.....	2
California, University of.....	8	Iowa State College of Agriculture and Mechanic Arts.....	2
Carleton College.....	1	Iowa, State University of.....	6
Carnegie Institute of Technology..	1	Johns Hopkins University.....	4
Catholic University of America....	4	Kansas State Teachers College....	1
Centenary College.....	1	Kansas, University of.....	7
Chicago, University of.....	6	Kentucky, University of.....	2
Citadel, The.....	2	Kenyon College.....	1
Clarkson College of Technology...	1	Lawrence College.....	1
Clemson Agricultural College.....	1	Lehigh University.....	2
Coe College.....	1	Lincoln Memorial University....	2
Colby College.....	3	Lindenwood College.....	1
College of Charleston.....	2	Louisiana State University.....	1
College of the City of New York..	3	Louisville, University of.....	1
Colorado College.....	1	Mt. Holyoke College.....	1
Colorado, University of.....	5	Maine, University of.....	2
Columbia University.....	5	Marietta College.....	1
Cornell University.....	12	Marshall College.....	2
Creighton University.....	1	Maryland, University of.....	10
Dartmouth College.....	16	Massachusetts Institute of Tech- nology.....	9
Davidson College.....	3	Michigan State College.....	1
Davis and Elkins College.....	1	Michigan, University of.....	3
Dayton, University of.....	1	Minnesota, University of.....	4
Delaware, University of.....	4	Mississippi State Teachers College.	1
Denison University.....	1	Mississippi, University of.....	4
Denver, University of.....	1	Missouri School of Mines.....	1
DePauw University.....	2	Missouri, University of.....	3
Dickinson College.....	3	Missouri Valley College.....	1
Drake University.....	1	Montana, University of.....	2
Drexel Institute.....	1	Morningside College.....	1
Duke University.....	9	Muhlenberg College.....	2
Earlham College.....	1	Nebraska, University of.....	8
Elmira College.....	1	New Mexico, University of.....	5
Emory University.....	1	New York University.....	3
Florida, University of.....	1	North Carolina, University of....	8
Fort Hays, Kansas, State College..	1	North Texas State Teachers Col- lege.....	2
Franklin and Marshall College...	1	Northwestern University.....	7
Georgetown University.....	7		
George Washington University.....	130		
Georgia School of Technology.....	2		

Norways Institute of Technology..	1	Tennessee, University of.....	1
Norwich University.....	2	Texas Technological College.....	2
Notre Dame University.....	2	Texas, University of.....	7
Oberlin College.....	2	Toledo, University of.....	1
Ohio Northern University.....	1	Trinity University.....	1
Ohio State University.....	7	Tufts College.....	1
Ohio Wesleyan University.....	2	Union College.....	2
Oklahoma Agricultural and Me-		U.S. Military Academy.....	1
chanical College.....	1	U.S. Naval Academy.....	24
Oklahoma Baptist University.....	1	University of the South.....	1
Oklahoma, University of.....	7	Utah State Agricultural College..	4
Olivet College.....	1	Utah, University of.....	33
Oregon, University of.....	1	Vanderbilt University.....	1
Oregon State College.....	1	Virginia, University of.....	1
Otterbein College.....	1	Wake Forest College.....	2
Quachita College.....	1	Washburn College.....	1
Parsons College.....	1	Washington College.....	1
Pennsylvania State College.....	3	Washington and Jefferson College..	8
Pennsylvania, University of.....	9	Washington and Lee University...	4
Pittsburgh, University of.....	3	Washington, University of.....	4
Princeton University.....	7	Wellesley College.....	2
Providence College.....	1	Wesleyan University.....	1
Purdue University.....	1	Western Reserve University.....	1
Radcliffe College.....	1	West Kentucky State Teachers	1
Rensselaer Polytechnic Institute..	3	College.....	1
Rice Institute.....	1	West Virginia Wesleyan University	2
Richmond, University of.....	1	Western Maryland College.....	4
St. John's College.....	6	Wichita, University of.....	2
St. John's University.....	2	William Jewell College.....	1
St. Viator College.....	1	William and Mary, College of....	4
Simmons University.....	1	Williams College.....	2
Simpson College.....	1	Wilson College.....	2
Smith College.....	1	Winthrop College.....	8
South Carolina, University of.....	5	Wisconsin, University of.....	2
Southeast Missouri State Teachers		Wofford College.....	1
College.....	1	Wyoming, University of.....	12
Southeastern Teachers College.....	1	Yale University.....	1
Southern California, University of	2	Yankton College.....	
Southern Illinois Teachers College	1		
Southwestern College.....	1		
Southwestern State Teachers Col-			
lege.....	1		
Stanford University.....	5	Total.....	690
State Teachers College.....	1	Counted twice.....	40
Susquehanna University.....	1	Number of college graduates.....	650
Syracuse University.....	1	Number of colleges repre-	193
Technical University, Munich,		sented.....	
Germany.....	1	Candidates for degrees who	
		are college graduates.....	627
		Per cent.....	60.9

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